Oil, Paint and Drug Reporter

THE CHEMICAL MARKET AUTHORITY

July 28, 1958

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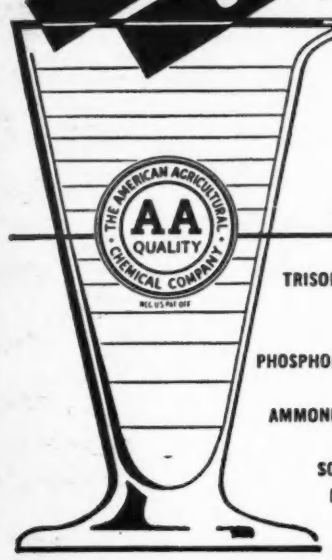

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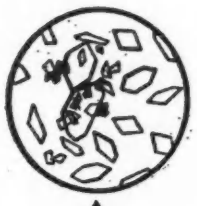

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Oil, Paint and Drug Reporter

Vol. 174 No. 4 30 Church St., New York 7, N. Y. July 28, 1958

GOODYEAR APPOINTEE: Robert E. Workman, former manager of the chemical division of Goodyear International Corporation, named to the newly-created post of assistant general manager of the Goodyear Chemical Division.

Phthalic Anhydride Move Made by Amoco

Phthalic anhydride producers, who have been waiting around for Amoco Chemicals Corporation to make a move, won't have to wait any longer. Effective today, the Chicago, Ill., petrochemicals firm will start soliciting business on phthalic at 17 cents per pound. Annual contracts for 1959 will be offered at the same listing.

The price, which represents a four-cent reduction below present quotations, will apply to carloads of bags for delivery from Amoco's new Joliet, Ill., plant when it comes on stream about November 1.

Isophthalic acid will be offered at the same time and under the same terms and conditions at a mol equivalent price of 15.2 cents a pound. Isophthalic is now quoted at 22 cents.

Why the drastic price-lopping? John J. O'Connell, Amoco's vice-president of marketing has the answer. "These reductions are possible," he explains, "because of the economy which will result from the new process used at Joliet.

"In the past, phthalic anhydride had been produced primarily by the oxidation of naphthalene, while isophthalic had been made from metaxylene, an appreciably more expensive raw material.

"With the new process used by Amoco Chemicals, both the anhydride and the acid are produced by oxidizing a mixed xylene stream."

This flexible process, Amoco notes, is also applicable to the oxidation of other petroleum-derived substituted aromatic hydrocarbon feedstocks, and is expected to make available a variety of other polycarboxylic acids—never before articles of commerce.

The availability of pilot plant quantities of selected members of this new family of aromatic acids is expected to be announced within the next few months.

National Distillers Elects Two to Top Executive Posts

National Distillers & Chemical Corporation, New York, late last week made two major executive changes.

John E. Bierwirth, president of the firm since 1949, was elected chairman of the board while Roy F. Coppedge, jr., an executive vice-president, was elected president.

The office of chairman had been vacant since the death of Seton Porter in 1953.

Mr. Coppedge joined National Distillers as a vice-president in 1953. He was elected a director in 1954 and an executive vice-president in 1957. Mr. Bierwirth has been a director of National since 1942. Prior to that, he was president of New York Trust Company.

Additives Bill Jumps Hurdle And Lands on Floor of Congress; Speed Through House Sought

The food additives control bill has jumped the last committee hurdle and landed on the floor of congress. The house interstate commerce committee late last week voted its approval of the Williams proposal, HR 13254. Now, all concerned are hoping for a special rule aimed at speeding the measure to the senate. The committee only made one fundamental change in the legislation. This was elimination of a provision for establishment of committees by the National Academy of Sciences to consider disputes of a scientific nature.

Several industry representatives, notably the canners, had entered strong objections to these committees. They contended that the groups could work behind closed doors with little or no opportunity afforded industry to cross-examine members or examine the evidence on which the committees would base their conclusions.

MCA Swallows Objections

Earlier in the week, John E. Hull, president of Manufacturing Chemists Association, informed Rep. Oren Harris of Arkansas, committee chairman, that MCA would back the Williams bill, even though it did not conform to a number of the association's recommendations.

The additives bill requires adequate pre-testing of a food additive before it can be used and notification of intended use, accompanied by test data submitted to Food and Drug Administration.

It requires advance approval by the FDA for use of a new food additive, a manner of administration which MCA has strongly opposed in the past, but is now willing to accept.

Food and Drug Administration officials previously had disclosed their acceptance of the bill (OPD 7/14/58) in spite of certain changes and deletion of the provisions relating to functional value.

It is probable that some of industry's objections and fears concerning the legislation will be settled in the committee report on the bill. This is particularly

—Continued on page 49

Hodag Pushing Ahead On Its Expansion Project

Hodag Chemical Corporation, Chicago, has started construction of new production, laboratory and office facilities as part of a major expansion program recently intiated by the firm.

The new facilities, which are expected to be completed by September 1, will quadruple Hodag's present plant space. Laboratory space will be tripled and office area doubled to handle increasing demands for antifoams, esters, emulsifiers, flocculating agents, and other surface-active chemicals.

The expansion will also include setting up new facilities for manufacturing silicone antifoams and other silicone products. New stainless steel blending tanks and a sonic homogenizer have been added for this purpose. Hodag expansion plans call for an increase in laboratory personnel and equipment in the new plant also, plus increased warehouse space for storage of raw materials and finished products.

F. Dean Hildebrandt

McKesson to Acquire All Merchants' Stock

McKesson & Robbins, Inc., has entered into an agreement with Merchants Chemical Company, New York, for the acquisition of all the stock of Merchants in exchange for McKesson & Robbins stock, according to an announcement by F. Dean Hildebrandt, vice-president in charge of McKesson's chemical department.

Upon final consummation of the plan, Merchants Chemical Company will operate under its own name as part of McKesson's chemical department.

"The addition of Merchants personnel and facilities under the plan of agreement," said Mr. Hildebrandt, "will expand McKesson's nation-wide chemical distribution services to eleven district offices, thirty-nine branch offices, fifty-eight chemical

—Continued on page 49

Climax Tells Customers: Don't Worry About Strike

Despite a strike at its Climax-Colorado mine, officials of Climax Molybdenum Company, New York, a division of American Metal Climax, Inc., assure customers that inventories are sufficient to meet all requirements. Other molybdenum operations of the company are not affected by the walkout.

It was pointed out that production at the mine has been in excess of demand for a considerable time. On April 1, the company reduced the work week from six to five days and stabilized operations at this level despite continuing low demand.

Barter Policy Tip-Off Is Expected Any Day Now

The tip-off is due any day now on future government policy regarding the bartering of surplus farm crops for foreign minerals needed in chemical manufacture.

The chemical industry expects the information will be coming from the house and senate conference committee, meeting on the agricultural development and assistance act extension bill.

The industry and Secretary of Agriculture Ezra Taft Benson haven't been seeing eye to eye on this matter for the past several months and the industry is hopeful that congress will order the secretary to get back into the business of exchanging our surpluses for minerals needed by the chemical people.

Half of the fight is believed to have been won. When the house passed the extension bill. S 3420, last week it wrote in a provision expressly charging the secretary with responsibility for bartering a goodly share of our surpluses for foreign materials. This was after the chemical industry had protested to the house committee that unless something was done to beef-up the barter program the industry faced a danger of running into trouble in getting its needed scarce minerals.

The senate, on the other hand, when it passed the bill a month ago did so without modifying the barter requirements of present law.

Consequently, the question before the conference committee will be whether to adopt the house provision which is strongly objected to by Mr. Benson, or go along

—Continued on page 43

Chemical Unit, Doctors Squabble About Labeling

Should a model hazardous products labeling law be restricted to household products? Or should it extend its coverage all the way back to products used solely for commercial or industrial purposes?

These two problems have resulted in a squabble between the medical profession and the chemical industry as to what sort of model legislation should be enacted regarding the labeling of hazardous substances.

The wrangle started last week, when two representatives of Manufacturing Chemists Association visited Chicago to talk the matter over with the American Medical Association's committee on toxicology.

Nale, Hill Speakers

The two spokesmen for MCA, Dr. Thomas W. Nale, of Union Carbide Corporation, New York, and Sanford J. Hill, of E. I. duPont de Nemours & Co., Wilmington, Del., were anything but happy over AMA's proposal.

The medical group has drawn up a model uniform hazardous substance act, which is now being circulated around the country.

The act appears to embrace any substance of a hazardous nature, whether limited to household uses or for commercial or industrial use. It goes far beyond any of the similar bills that have been introduced in congress.

First off, the two MCA representatives told the AMA committee that it is "regrettable" that AMA had circularized its proposed bill before consulting the MCA, which has been one of the pioneers in precautionary labeling for hazardous substances.

As a matter of fact, it was added, MCA has won the National Safety Council's award for the past four years for its industrial safety activities.

But what they found most objectionable about the AMA bill was rather than being simply a bill to safeguard the use of hazardous chemicals around the home as originally intended, it runs the whole gamut of uses.

"We do not believe that commercial and household products can be satisfac-

—Continued on page 44

Chemical Business Up; Synthetic Rubber Still Off

Conditions in the chemical industry seem to have improved in the past several months, but the same cannot be said for synthetic rubber manufacturers, according to a report of the Department of Commerce last week.

The chemical and rubber division said that with a rise to $1,826 million, chemical manufacturer's sales in April have reversed the downward trend of the previous five months. A lower inventory-sales ratio indicates a nearer balance between production levels and demand, so that a continued gain in sales should increase production.

Although both manufacturers' sales and inventories of rubber products declined in the first quarter of 1958, the ratio of inventories to sales rose, indicating that production and demand were not in balance. Sales were below 1957 levels and inventories were higher.

Sulfuric acid production and consump-

—Continued on page 37

DuPont Study Shows Handicapped an Asset

The handicapped worker can do as good a job if not better than his fellow employee. E. I. duPont de Nemours & Co., in a rigidly controlled study of more than 1,000 handicapped persons employed by the company, reports that "average-or-better levels of job performance, safety and attendance" were achieved by the handicapped.

Also, the Wilmington, Del., firm says, "It appears that the nature of the handicap does not prevent the employee from doing a good job, as some of the best performers have the most severe handicaps—amputation, blindness, deafness and paraplegia."

Chemical, Drug Men Watching As Fair Trade Melee Threatens

Chemical and drug men are watching with interest as opposing factions ready their shillelaghs for the fair trade pricing donnybrook brewing before congress. Two conflicting viewpoints confront a subcommittee of the senate commerce committee. They are: (1) If "jungle warfare" by big competitors leading to elimination of the small merchant from the distribution picture is to be avoided, congress must act soon to revitalize fair trade pricing contracts. (2) If little merchants are to be allowed to reap the benefits of their low-overhead costs in battling the inroads of their big competitors, congress should not pass a fair trade pricing law.

Drug Firms Listed In 'Federal Register'

A complete list of all the drug firms holding licenses to produce biological products was published in the *Federal Register* July 19 by the Public Health Service. The list is complete as of April 15 and will be revised from time to time.

The list is in three parts. Part 1 is a list of license holders in the numerical order of their license numbers, plus a list of each of the biologicals they are licensed to produce. Part 2 is a list of biological products that have been licensed by the Public Health Service, including the license numbers of the authorized producers, and Part 3 is a list of the licensed establishments arranged alphabetically.

Arguments Are Familiar

These two positions sum up the dilemma facing congress. The arguments strike a familiar chord. A few weeks ago, nearly the same statements were made before a subcommittee of the house commerce committee.

Whether the legislation will get beyond the hearing stage at this session of congress is problematical at this time. Leaders in both the senate and house are starting to close the doors against controversial legislation not of an essential character, and it is possible that the fair trade bills may find themselves pushed aside when the final rush comes.

On the other hand, the pressure for a fair trade law is such that it is possible that a bill might be jammed through at the last minute of the session, tacked on possibly as a rider to some other "must" bill that is slated to go to the White House. It will be recalled that the original Tydings fair trade contract bill became law in this fashion.

Sponsor of the fair trade bill in the senate is Sen. Hubert Humphrey of Minnesota, son of a small town pharmacist and one of the leaders of the small business bloc advocating a strong fair trade law.

Sen. William Proxmire of Wisconsin, joined Mr. Humphrey in sponsoring the bill which he called essential to the health and even the survival of small business.

His views were supported by Maurice Mermey, director of the Bureau of Education on Fair Trade, a non-profit organiza-

—*Continued on page 49*

Dow 'Zefran' Plant Operating in Virginia

Commercial production of "Zefran," Dow Chemical Company's acrylic alloy textile fiber, has begun near Williamsburg, Va. After a start-up period of five weeks, the new Dow plant officially went on stream when "Zefran" began rolling off one fabrication line.

In the coming months full production will gradually be reached to attain a rated capacity of 12 million pounds a year. Cost of the plant, which has been under construction for eighteen months, is estimated by the Midland, Mich., chemical company at over $10 million.

"Zefran" staple fiber produced at Dow's James River Division will be deliv-

—*Continued on page 42*

Chinese Hog Bristles Set by GSA for Disposal

General Services Administration has announced intentions to dispose of its remaining supplies of Chinese hog bristles totaling some 1,518,899 pounds remaining in the national stock piles. This is in addition to the 2 million pounds previously offered for sale by the agency in December, 1955.

Substitute products have made it unnecessary to consider Chinese hog bristles as a strategic material any longer, it was explained.

Tidewater Fluid Coke Unit Racks Up Endurance Mark

A world's record for the continuous operation of a fluid coking unit has been claimed at Tidewater Oil Company's Delaware refinery, according to George C. Caine, the San Francisco firm's eastern division manufacturing manager.

On its first run, the fluid coker operated for 300 days, processing 7 million barrels of vacuum residuals that otherwise would have been marketed in 10 million barrels of heavy fuel oil. The unit is now undergoing its "turn-around" reconditioning.

Capacity of the 250-foot high fluid coker is 42,000 barrels daily. One of the major processing units at the Delaware refinery, its chief function is to upgrade refinery fuel oil into the more valuable components of gasoline and heating oils.

The Week's Price Changes

Clove Leaf, Garlic, Sandalwood Oils, Mercury Advanced. Citronella Oil, a-Ionone, o-Tolidine Reduced.

Prices Advanced

Beeswax, African crude, 1c. per lb. (p. 56).
Clove leaf oil, crude, 10c. per lb. (p. 53).
Corn oil, crude, ¼c. per lb. (p. 56).
  Refd., ¼c. per lb.
Cottonseed meal, $1 per ton (p. 56).
Garlic oil, imported, 40c. per oz. (p. 53).
Greases, ½c. per lb. (p. 56).
Lard, cash, 3/16c. per lb. (p. 56).
Mace, Siauw, No. 2 whole, 10c. per lb. (p. 53).
  No. 2 siftings, 10c. per lb.
Mercury, $1 per flk. (p. 35).
Nutmegs, East Indian, 15c. per lb. (p. 53).
  West Indian, 15c. per lb.
Pepper, Malabar black, 2c. per lb. (p. 53).
  Lampong black, 2¼c. per lb.
  Red, Japanese Hontaka, ¥1, 2c. per lb.
  Japanese Santaka ¥1, 1c. per lb.
  Japanese Yatsufusas, ½c. per lb.
Sandalwood oil, 50c. per lb. (p. 53).
Styrax gum, 25c. per lb. (p. 53).
Tallow, inedible, ¼c. to ¾c. per lb. (p. 56).
Tin, ¼c. per lb. (p. 35).

Prices Reduced

Cassia, Batavia/Korintje "A," 2c. per lb. (p. 53).
  "B," 5c. per lb.
  "C," 5c. per lb.
Chestnut extract, ½c. per lb. (p. 52).
Cinnamon, Ceylon No. "0000," 4c. per lb. (p. 53).
Citronella oil, Java type, 1c. per lb. (p. 53).
Cocoa butter, 2c. per lb. (p. 56).
Coconut oil, crude, ½c. per lb. (p. 56).
Copra, $1.50 per ton (p. 56).
Cottonseed oil, crude, ¼c. per lb. (p. 56).
  Refd., ¼c. per lb.
a-Ionone, 25c. per lb. (p. 53).
Paprika, Bulgarian, 1c. per lb. (p. 53).
Soybean oil, crude, ½c. per lb. (p. 56).
  Refd., ¾c. per lb.
o-Tolidine, 5c. per lb. (p. 40).
Vitamin B_{12} cryst., $23 per gram (p. 47).

OPD Price Index

THE OIL, PAINT AND DRUG REPORTER'S relative record of prices of chemicals and related materials is currently as follows:

(100=1940 average)

July 25, 1958	July 18, 1958	July 26, 1957
110.31	110.25	110.27

Minerals Relief Moving Ahead

Minerals industry relief legislation is still wending its way ahead in both the senate and house. In some respects, it is moving along the lines recommended by the administration—but in others, it is tugging in the opposite direction. The subcommittee of the house interior committee, which has had the senate-approved minerals stabilization bill, S 4036, under hearings and executive considera-

tion, voted its approval of the legislation with modifications and sent it along to the full committee.

On the senate side of the Capitol, the senate interior committee voted its approval of the Murray bill, S 4146, for the payment of production subsidies to domestic producers of a number of minerals not included in the program advocated by the administration, and sent the measure to the floor for passage.

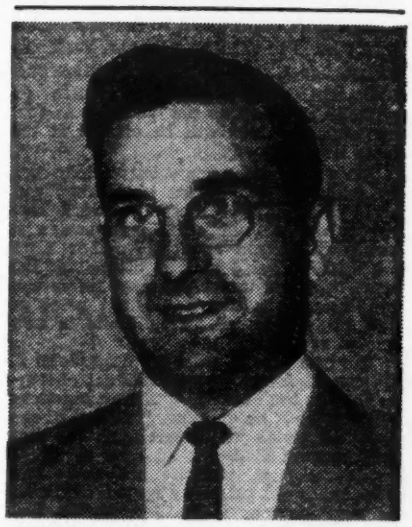
Bill's Changes Enumerated

As approved by the house subcommittee, the minerals stabilization bill was changed in three major respects from the senate version:

- The program is to be financed through appropriations from congress rather than through funds borrowed from the Treasury.
- Payment of production bonuses is ordered for chromite, beryl concentrates and columbium-tantalum.
- Production subsidies for lead and zinc were raised to 4 cents a pound.

In a sense, the senate committee du-

—*Continued on page 44*



DIVISION CHIEF: Joseph Palmaccio, promoted to chief of the sterile products division of Organon, Inc., Orange, N. J.

Monsanto Cuts Price Of a Feed Supplement

Monsanto Chemical Company, St. Louis, Mo., has cut the price of "MHA," its synthetic protein supplement for poultry and animal feeds, by 28 percent.

The price cut, from $2.05 to $1.48 per pound in truck lots, is attributed by the company to an increase in production volume. Use of methionine supplementation by feed formulators increased by 33 percent in 1953, the company says.

Petro-Tex Director Resigns

Joseph R. Mares, managing director of Petro-Tex Chemical Corporation, Houston, Tex., since its formation in 1955, has resigned. J. J. King, also a director of Petro-Tex, will assume Mr. Mares administrative duties. Mr. Mares resigned in order to do classified consulting work for the government.

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DUPONT EXECUTIVES ARE PROMOTED: W. Samuel Carpenter, 3rd (left), has been moved into a top position in the international department of E. I. duPont de Nemours & Co., Wilmington, Del., and Arthur I. Mendolia (right) has been appointed to Mr. Carpenter's old post as assistant general manager of the electrochemicals department.

DuPont Int'l Unit Is Upgraded, With Carpenter Chosen to Head It

The international department of E. I. duPont de Nemours & Co., Wilmington, Del., has been raised to the status of an industrial department and W. Samuel Carpenter, 3rd, has been appointed to head it as general manager. The department will have full responsibility to the executive committee for liaison with managements of foreign subsidiaries and between foreign subsidiaries and other industrial and auxiliary departments of the company.

Concurrently, Arthur I. Mendolia has been named to take over Mr. Carpenter's old position as assistant general manager of the electrochemicals department. Mr. Mendolia had been an assistant director of sales in that department.

Milligan Succeeds Mendolia

Thomas J. Milligan, 3rd, has been named to Mr. Mendolia's former post and Frederick G. Low, service manager for chlorine products, will replace Mr. Milligan as manager of the lysine section.

As head of the international department, Mr. Carpenter will have John K. Jenney as assistant general manager.

The company now has twelve industrial departments and twelve auxiliary departments. Creation of the international department to replace the foreign relations department only seven months ago and the establishment in it of three new divisions —manufacturing, marketing and administrative services—reflects duPont's broadening manufacturing and sales activities abroad.

The new department is charged with direct responsibility for liaison between the company's executive committee and the managements of foreign subsidiaries, coordination of foreign trade development and export policy, as well as the development of new manufacturing opportunities outside the United States.

DuPont's foreign subsidiaries include duPont of Canada, Ltd.; duPont Company (United Kingdom), Ltd., and other manufacturing companies in Mexico, Venezuela, Brazil, Argentina, and Chile, and sales companies in various parts of the world.

Starting in 1941 as a chemist at the

—*Continued on page 49*

SHELL OFFICIAL: Jack A. Horner, vice-president in charge of the licensing division of Shell Development Company and secretary of Shell Oil Company, named secretary of Shell Chemical Corporation, New York, to succeed George E. Brewer, who has retired.

Tall Oil Facility In Commercial Use

A new, 3,000 ton/month unit for fractionating crude tall oil, a by-product of sulfate pulp mills, is in commercial production at Nitro, W. Va., after a record start-up, say its co-owners, Monsanto Chemical Company, St. Louis, Mo., and Emery Industries, Inc., Cincinnati, Ohio.

Less than one month after the first charge of crude to the new tall oil refinery, it was reported to be operating at design rate and producing specification grade materials.

Operated by Monsanto at its plant location in Nitro,, the jointly-owned unit sep-

—*Continued on page 49*

Chemstrand Revises Its Set-up of Executives

Chemstrand Corporation, New York, has appointed H. C. Greer vice-president and executive director of finance in a series of executive changes and has named C. O. Hoyer vice-president and general manager for manufacturing and engineering.

R. G. Hemminghaus has been named vice-president and executive director of staff services and H. Hadden, jr., has been appointed executive director of legal, public and foreign services.

Justice Dep't Antitrust Policy Is Roadblock in Private Cases, Senate Committee Complains

The senate small business committee has just taken a hard look at the Department of Justice policy of terminating antitrust cases by consent decrees and it doesn't like what it has found. The committee says such actions are an insurmountable roadblock in front of private litigation for damages and thus narrow the area of antitrust law enforcement. Under section 5 of the Clayton act, government antitrust cases actually litigated may become the prima facie case of private parties. Thus, the evidence placed in the court record by the government can be used by private parties in their suits for treble damages.

According to a report filed last week by the senate committee, based on hearings held by subcommittees, the Department of Justice terminated 83 percent of its civil antitrust cases by consent judgments in 1957 whereas between 1935 and 1955 only 72 percent of the government's civil cases ended by negotiated settlements.

How Private Plaintiffs Prevailed

This is one reason, the report said, that from 1947 to 1952 private plaintiffs prevailed in only 134 of the 423 suits started, and "in only 31 percent of the private cases . . . did plaintiffs secure any redress at all."

In view of this, the committee asserted, "the affinity of the Justice department for consent judgments is all the more difficult to fathom in view of the department's knowledge that defendants seek this facile compromise largely in order to frustrate private enforcement attacks."

Other practical obstacles to the successful filing of treble damage suits by small-business men cited by the report are the tremendous expense involved, the slim chances of recovery, and unsympathetic judicial attitudes toward treble damage suits.

The committee made two administrative and eight legislative recommendations "to sharpen this blunt tool of antitrust enforcement" as follows:

Administrative

1. The Attorney General and the assistant Attorney General in charge of the antitrust division should carefully reconsider the department's current policy regarding consent judgments for the purpose of determining whether such policy is achieving the maximum in benefits to competition.

2. Some private group, such as the antitrust section of the American Bar Asso-

—*Continued on page 43*

Hog Cholera Serum Men To Be Taxed for Agency

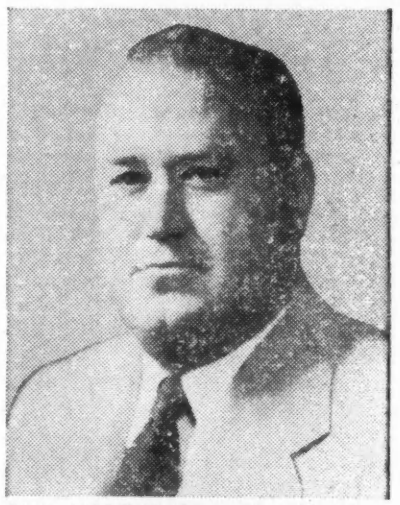
Assessments will be levied against the handlers of hog cholera virus and anti-hog cholera serum this year to raise a total of $38,186 for the 1958 expenses of the control agency which administers this biologic program, Department of Agriculture has announced.

Handlers who are manufacturers will be assessed $19.96 for each $10,000 of serum and virus sold by them during calendar year 1957 for a total of $29,021.

Handlers who are wholesalers will be assessed $25 for the first $10,000 of sales and $8.80 for each additional $10,000 of sales last year for a total of $9,165.

The total budget of the agency for this year is estimated at $44,440. An unexpected sum of $6,254 was left over from last year's operations and will be applied toward this year's costs.

Meanwhile, the house last week voted its approval of S 3478 to amend the hog cholera serum law to require that manufacturers must have an inventory of 40 percent of the previous year's sales on hand by May 1 to meet the current year's demand.



OLIN VICE-PRESIDENT: W. Adrian King, named vice-president of the chemicals division of Olin Mathieson Chemical Corporation, New York. He had been general sales manager for the industrial chemicals division.

Tantalum, Columbium Salt Plant Going Up

Stauffer Chemical company, an old timer at metals chlorination, is trying its hand at something new—tantalum and columbium pentachlorides. The New York firm has anted up $300,000 for a semi-works plant.

The new unit, now being built, is located at Stauffer's Richmond, Calif., research laboratories, and is expected to supply considerable quantities of the two chlorides as feed material for the expanding tantalum and columbium metals industry.

Construction of the semi-works plant followed a nine-month study of the production process on a pilot plant scale, and will provide further technical data for design of a full scale plant.

Stauffer has been a pioneer in the metal chloride field—starting with aluminum chloride and titanium tetrachloride in 1917.

Prentiss Drug Repellents Are Available Commercially

Prentiss Drug & Chemical Company, New York, is producing "Prentox Tabutrex," "Prentox Pybutrex Concentrate No. 20" and "Prentox Pybutrex Concentrate No. 100," in commercial quantities.

"Tabutrex," the trade name for the chemical repellent, di-n-butyl-succinate, has been registered for use on dairy and beef cattle to repel houseflies and biting flies, according to Prentiss.

Sterling Renames Unit Glenbrook Laboratories

The National Brands Division of Sterling Drug, Inc., which markets the company's medicinals, toiletries and household products, has been re-named Glenorook Laboratories.

In choosing the Glenbrook Laboratories name, the company has taken the oldest name in the organization and applied it to Sterling's largest unit. The town of Glenbrook, Conn., is the site of the plant first opened in 1856 by Chas. H. Phillips, whose name later became the identifying trademark of "Phillips' Milk of Magnesia," one of the leading products in the Sterling line.

Chemical Men Braced for Another Trade Act Blow

The chemical industry this week is bracing itself for another blow as the Washington legislators continue tinkering with the trade agreements extension bill.

The measure, passed by the senate last week to the disappointment of the chemical industry is now in the hands of the senate-house conference committee.

There are strong doubts that what comes out of that unit will be entirely acceptable to the chemical men and other objectors to the administration's proposal.

Two things are certain, however: The bill, as compromised, will be finally acceptable to the President and it will be of great importance to the chemical industry.

As passed by the senate last week, by the big majority vote of 72-16, the bill provided for only a three-year extension of the law as recommended by the chemical industry. Eliminated was a key protectionist provision that would have given congress a strong check on presidential modification of the Tariff Commission actions.

This was the so-called Kerr-Thurmond amendment that authorized the President to nullify or modify recommendations of the commission in escape clause cases only with the approval of house and senate.

This provision, which would have assured a veto had it stayed in the bill, was eliminated by a 63-27 vote.

As the bill went into conference the senate version differed from that passed by the house in these material respects:

The house bill provided for a five-year extension of the law with the right to reduce tariffs 25 percent over this period but not more than 10 percent a year. The senate bill reduced this to three years and 15 percent and provided that cuts can not

—*Continued on page 50*

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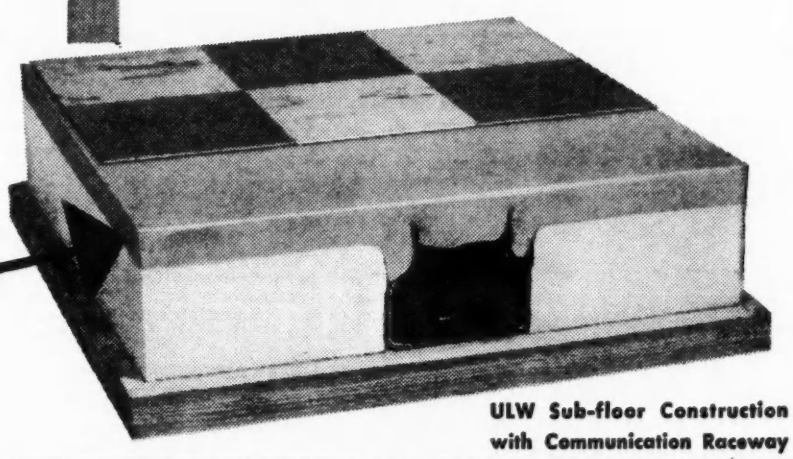

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HEADS SYNTHETIC RUBBER FIRM: Grant Thomas, elected president and a director of American Synthetic Rubber Corporation of Louisville, Ky., succeeding Bancroft W. Henderson who is retiring from the former post but is continuing as a board member.

Soybean Unit to Draw International Groups

The international scope of the United States soybean industry will be demonstrated by the appearance of representatives of human food and livestock feed industries from a number of foreign countries at the forthcoming thirty-eighth annual convention of the American Soybean Association at Des Moines, Iowa, August 19 and 20.

Among delegations from abroad which will attend the convention will be one from the soybean processing and food industry of Japan; two groups from Italy, one representing the livestock feed industry and the other the vegetable oil industry; one from the vegetable oil industry of Spain, and possibly one from the livestock feed industry of Germany.

The convention sessions will be held at Fort Des Moines hotel and will immediately follow the annual business meeting of the National Soybean Processors Association on August 18.

August 19 will be devoted to markets and August 20 to price trends and production problems.

The annual American Soybean Association banquet will be held and awards of honorary life memberships will be given on August 19.

On August 21, following the convention, the soybean varietal plots at Iowa State College Agronomy Farm will be open for visitors.

Minerals Company Elects

James Deshler, 2nd, has resumed full time status with Minerals & Chemicals Corporation of America and has been elected chairman of the board of directors. The office of chairman of the executive committee, formerly filled by Mr. Deshler, has been eliminated. Charles A. Specht will continue as president and chief executive officer of the Menlo Park, N. J., firm.

Chemical Industry in Doldrums? Quarterly Spot Check Indicates Upswing, Confidence in Future

How is the chemical industry faring in a recession-plagued economy? General indications are that after a bottoming-out period around the end of the first quarter, things have been on the upswing. What's more, companies in general are becoming more optimistic regarding business during the remainder of this year. Here's what American Cyanamid's president, Dr. W. G. Malcolm, has to say in the New York Company's first half report: "Across the nation, opinions vary on the timing of the business recovery, but Cyanamid is confident in an eventual uptrend and the long-term outlook."

Emphasizing Cyanamid's faith in the ability of business to rebound, Dr. Malcolm reports that programs for new plants and expanded facilities, which will cost $75 million or more this year, are proceeding approximately on schedule.

Carbide Affirms Faith

Union Carbide Corporation, New York, scored a sharp 18 percent advance in net income over first quarter levels, even though its sales were about the same as during the first three months.

Morse G. Dial, Carbide president, predicts: "The outlook for the balance of the year is for continued improvement, particularly in alloys and electrodes, the product groups which have been most seriously affected by the business decline."

E. I. duPont de Nemours & Co., Wilmington, Del., reported its net up in the second quarter. During the first half, however, sales were off 14 percent from the comparable period in 1957.

Diamond Alkali Company, Cleveland, Ohio, also reported second quarter sales up over first quarter levels—by 10 percent.

Thiokol Chemical Corporation, Trenton, N.J., says its chemical division sales will rise about 30 percent in 1958 over 1957, regardless of the recession.

Wyandotte Chemicals Corporation's president, Robert B. Semple, says his company's sales and earnings improved during the second quarter. Mr. Semple believes that there will be further improvement in the present quarter. Reichhold Chemicals, Inc., White Plains, N. Y., and Stauffer Chemical Company, New

—Continued on page 43

CMRA Slates Conference At French Lick Sept. 24-26

The Chemical Market Research Association will hold a three-day conference in French Lick, Ind., September 24 through 26. Speakers for the conference and their topics are:

Jack Porter, Boston Insurance Company, "Computers and What They Can Do"; William Clark, Monsanto Chemical Company, "How to Use Computers in Market Research"; Dr. Werner Hirsch, Washington University, "Correlations and Statistical Operations," and Miss Audrey Langdon, consultant, "Technics of Interviewing."

Panelists and their topics in a market session on "New Products Market Research" include:

Robert Bateman, Union Carbide Cor-

—Continued on page 50

JOINS LUMMUS COMPANY: Maj. Gen. William M. Creasy, upon retirement as chief chemical officer of the army on September 1, will join Lummus Company, New York, as vice-president and director of the engineering development center.

Safety Council Plans Big Chemical Sessions

The chemical section of the National Safety Council will hold five sessions—one jointly with the American Society of Safety Engineers—at the annual council convention, the forty-sixth National Safety Congress, to be held October 20 through 24 in Chicago.

Papers presented at the five sessions will range from a down-to-earth approach for radiation safety to the way to treat chemical eye injuries. Also scheduled to be discussed: the possible dangers that might result from improperly labeled commercial products.

Radiation safety will be discussed by F. L. Brannigan, safety engineer, Atomic Energy Commission; eye injuries by Dr. D. J. Kilian, director of industrial health

—Continued on page 37

Calkin & Bayley Appoints

Calkin & Bayley, Inc., New York, has named Walter H. Ballard manager of the foreign department. For the past nineteen years Mr. Ballard had been manager of the foreign department of American British Chemical Supplies, Inc.

Dyes Production Was Sleepy in '57, Turnover Sleepier

American dyes manufacturers tried to keep production in line with a sinking demand pattern last year but to little avail. By year's end, output was still ahead by 12 percent.

Production of dyes during 1957, according to the annual report by the Tariff Commission, fell off 6 percent, while sales, during the same period, dropped some 18 percent. Output during 1957 was tallied at 143 million pounds as compared with the 152 million pounds produced during 1956. Last year's figure also reflected a further decline from the 1955 output tally of 168 million pounds.

127 Million Pound Sales

Sales of dyes last year, according to the commission's report, amounted to 127 million pounds, valued at $164 million, compared with the 155 million pounds, valued at $185 million in 1956.

The production and sales of dyes grouped by color index number showed the greatest decreases. The production of color index dyes was 99 million pounds in 1957, compared with an output of 109 million pounds in 1956—a decline of 9 percent. Sales of color index dyes totaled 83 million pounds, valued at $85 million, compared with 112 million pounds, valued at $99 million in 1956—a decrease of 21 percent in quantity and 14 percent in value of sales.

On the other hand, the output of prototype dyes in 1957 was 29 million pounds, or 4 percent more than the 28 million pounds produced in 1956. Sales of these dyes in 1957 totaled 25 million pounds, valued at $44 million, compared with 23 million pounds, valued at $51 million, in 1956.

Production of ungrouped dyes totaled 15 million pounds in both 1956 and 1957. Sales of these dyes, however, amounted to 13 million pounds, valued at $35 million, in 1957, compared with 15 million pounds, valued at $36 million, the year before.

Among the individual dyes for which statistics are given in the report, decreases in production were reported for

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Staphylococcal Disease To Be Conference Topic

A conference on staphylococcal disease will be held at the Communicable Disease Center of the Public Health Service in Atlanta, Ga., September 15 to 17. The conference has been called by Dr. Leroy E. Burney, Surgeon General, on recommendation of the American Hospital Association. A group of about forty from hospital, medical and other professional organizations has been invited.

Main purpose of the conference is to identify control measures which can be established in hospitals and communities to deal with the mounting problem of infections caused by bacteria which are resistant to penicillin and other antibiotic drugs. A matter of prime concern is development of more effective disinfectants and germicides for hospital use.

Association Meetings

American Association of Textile Chemists & Colorists, national convention, Conrad Hilton hotel, Chicago, October 30-November 1.

American Chemical Society, national meeting, Chicago, September 7-12.

American Council of Independent Laboratories, annual meeting, Atlanta, Ga., October 29-November 1.

American Soybean Association and National Soybean Processors Association, joint annual meeting, Fort Des Moines hotel, Des Moines, Iowa, August 18-20.

Antibiotics Annual Symposium, sponsored by the antibiotics division of Food and Drug Administration, Washington, D. C., October 15-17.

Association of Consulting Chemists & Chemical Engineers, annual meeting, Biltmore hotel, New York, October 28.

Canadian Agricultural Chemicals Association, annual meeting and conference, Fort Garry hotel, Winnepeg, Canada, September 15-17.

Chemical Market Research Association, French Lick Sheraton hotel, French Lick, Ind., September 24-26.

Chemical Specialties Manufacturers Association, annual meeting, Commodore hotel, New York, December 9-11.

Drug, Chemical & Allied Trades section of New York Board of Trade, annual meeting, Sagamore hotel, Bolton Landing, Lake George, N. Y., September 11-14.

Drug, Chemical & Allied Trades section of the Young Men's Board of Trade, annual Young Man of the Year award dinner, Park-Sheraton hotel, New York, October 16.

Electrochemical Society, 114th meeting, Chateau Laurier, Ottawa, Canada, September 28-October 2.

Federal Wholesale Druggists' Association, annual meeting, Greenbrier hotel, White Sulphur Springs, W. Va., September 7-10.

Federation of Paint & Varnish Production Clubs, annual convention and show, Cleveland Public Auditorium, Cleveland, Ohio, October 5-8.

Food, Drug and Cosmetic Law Division of American Bar Association, annual meeting, University of Southern California School of Law, Los Angeles, August 26.

Kentucky Fertilizer Conference, Kentucky Agricultural Experiment Station, Greenville Experimental Field, Greenville, Ky., July 30.

National Agricultural Chemicals Association, annual meeting, Bon Air hotel, Augusta, Ga., October 29-31.

National Association of Retail Druggists, annual meeting, Convention Hall, Philadelphia, September 28-October 2.

National Chemical Exposition, sponsored by Chicago section of American Chemical Society, International Amphitheatre, Chicago, September 9-12.

National Paint, Varnish & Lacquer Association, annual convention, Shoreham and Sheraton-Park hotels, Washington, D C., October 27-29.

National Plastics Exposition, sponsored by Society of Plastics Industry, International Amphitheatre, Chicago, November 17-21.

National Wholesale Druggists Association, annual meeting, Americana hotel, Bal Harbour, Fla., November 8-13.

Parenteral Drug Association, Statler hotel, New York, October 22-24.

Salesmen's Association of the American Chemical Industry, chemical sales clinic, Roosevelt hotel, New York, October 20.

Society of Chemical Industry, annual meeting, Queen Elizabeth hotel, Montreal, Canada, September 14-15; Royal York hotel, Toronto, Canada, September 16-18; Guildwood Inn, Sarnia, Canada, September 19; General Brock hotel, Niagara Falls, Canada, September 20; Chateau Laurier, Ottawa, Canada, September 21-22; Montreal, Canada, September 23.

Society of Chemical Industry, American section, chemical industry medal dinner, Royal York hotel, Toronto, Ont., September 18.

Society of Plastics Industry, annual national conference, Morrison hotel, Chicago, November 17-21.

Synthetic Organic Chemical Manufacturers Association, monthly luncheon meeting, Roosevelt hotel, New York, September 9.

Western Packaging & Materials Handling Exposition, Civic Auditorium, San Francisco, August 11-13.

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Current MARKET Quotations

Unless otherwise indicated, listings are first-hand quotations prevailing, according to information and belief, July 25 on large lots, f.o.b. New York, with the lowest in the left-hand column and the highest in the right-hand column. The listings do not represent bid and asked prices nor a range over the week. Differences between high and low may be accounted for by differences in quantity, quality, locality, or individual suppliers' views. An index to the weekly market reports is to be found on page 4.

A

Abies siberica oil, cns..... lb. 3.60 - 4.25
Acacia (see Arabic gum).
Acenaphthene, below 92.5 C. m.p., dms., works lb. .40 - —
Above 92.5 C. m.p., bbls., dms., lb. .41 - .50
Acetaldehyde, 99%, dms., c.l., works, lb. .12 - —
dms., l.c.l., works..... lb. .13¼ - —
tanks, works ..... lb. .10 - —
Acetaldol (see Aldol).
Acetanilide, tech., flaked, bbls., bgs., c.l., frt. alld. lb. .32½ - —
bbls., bgs., ton lots, frt. alld, lb. .33½ - —
bbls., bgs., smaller lots, frt, alld. lb. .36½ - —
USP, bbls., 225-lb. dms. any quantity, lots. lb. .79 - —
100-lb. dms., any quantity. lb. .81 - —
Acetic acid, comi. or redist, 28%, bbls 100 lbs. 4.80 - —
56%, bbls. ..... 100 lbs. 8.25 - —
70%, bbls. ..... 100 lbs. 9.95 - —
80%, bbls. ..... 100 lbs. 10.45 - —
Acetic acid, glacial, syn., CP, dms., dlvd 100 lbs. 22.00 -23.00
tech., dms., c.l., dlvd.... 100 lbs. 13.75 - —
dms., l.c.l., dlvd ..... 100 lbs. 14.25 - —
tanks, dlvd. ..... 100 lbs. 10.00 - —
USP, cbys., incl., dlvd 100 lbs. 31.00 -32.00
Acetic anhydride, aluminum ret. dms., c.l., dlvd. E. lb. .16½ - —
aluminum ret. dms., l.c.l., dlvd. E. lb. .17½ - —
tanks, dlvd. E. ..... lb. .14 - —
Acetoacetanilide, fib. dms., c.l., dlvd. lb. .80 - —
fib. dms., l.c.l. dlvd..... lb. .81 - —
Acetoacet-o-chloroanilide, fib. dms., c.l., dlvd lb. 1.35 - —
fib. dms., l.c.l., dlvd..... lb. 1.38 - —
Acetoacet-o-toluidide, fib. dms., c.l., dlvd. lb. .82 - —
fib. dms., l.c.l., dlvd..... lb. .83 - —
Acetone, CP, dms., c.l., dlvd.... lb. .11 - —
dms., l.c.l., dlvd..... lb. .12 - —
tanks, dlvd ..... lb. .08¼ - —
Acetonitrile, dms., c.l., works.... lb. .45 - —
dms., l.c.l., works..... lb. .45¼ - —
Acetophenetidin, USP, dms., works, frt. equald lb. 1.22 - 1.24
Acetophenone, cns., dms..... lb. 1.30 - 1.60
Tech., dms., c.l., works..... lb. .37 - —
dms., l.c.l., works..... lb. .37¾ - —
tanks, works ..... lb. .35 - —
N-Acetyl-p-aminophenol, dms., frt. adjusted lb. 1.75 - 1.88
Acetylene black, imp., bgs., c.l., duty and freight extra lb. .19 - —
cs., l.c.l., ex whse ..... lb. .24½ - .30
Acetylsalicylic acid, USP, special, makers, primary distrib., bbls., 1,000-lb lots, point of shipt. lb. .63½ - —
USP, standard, fine, cryst. gran., (30-40 mesh) powd., (80 mesh) bbls., 1,000-lb. lots, same basis lb. .58½ - —

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Acetyltributyl citrate, tech., non-ret. dms. c.l., frt. alld. E. of Denver lb. .35½ - —
non-ret dms. l.c.l., frt. alld. E. of Denver lb. .36½ - —
tanks, frt. alld E. of Denver, lb. .33 - —
Acetyltriethyl citrate, tech., non-ret. dms., c.l., frt. alld, E. of Denver lb. .39½ - —
non-ret dms. l.c.l., frt. alld. E. of Denver lb. .40½ - —
tanks, frt. alld E of Denver lb. .37 - —

Acids

Acid quotations are listed individually. For example, prices on Acid, cresylic, may be found in the C's under Cresylic acid.

Aconite root, bls lb. .50 - .55
Acrolein, tech. dms., c.l., works lb. .47 - —
dms., l.c.l., works..... lb. .47½ - —
tanks, works ..... lb. .46 - —
Acrylonitrile, dms., c.l., t.l., frt. equald lb. .30 - —
dms., l.c.l., t.t.l., frt. equald.... lb. .31 - —
tanks, frt. equald ..... lb. .27 - —
Adeps lanae (see Lanolin).

Abies Siberica Oil—Ammonium Bicarbonate

Adipic acid, bgs., c.l., dlvd..... lb. .32¼ - —
bgs., l.c.l., dlvd ..... lb. .35 - —
Agar, USP, Kobe No. 1, strip, bls. lb. 1.90 - 2.00
powd., 30 mesh., fib., dms lb. 2.50 - —
dl-Alanine, dms., works ..... lb. 8.50 -11.00
Albumin, blood, dark (see Blood, dried, soluble).
light, dms. ..... lb. .65 - .85
Albumin, egg, edible, cryst., powd., bbls. lb. 1.15 - 1.17
flake ..... lb. 1.11 - 1.13
tech., cryst., bbls ..... lb. 1.08 - 1.10

Alcohols

Alcohol quotations are listed individually. For example, prices on Alcohol, furfuryl, may be found in the F's under Furfuryl alcohol.

Aldol, 95%, dms., works ..... lb. .23 - —
Denaturing grade, dms. .... gal 2.15 - —
Aldrin, tech. fib dms., c.l., t.l., dlvd lb. .90 - —
fib dms. l.c.l., dlvd. ..... lb .95 - 1.05
Aletris root, bgs ..... lb 1.75 - 1.83
Algin (see Sodium alginate)
Alizarin (see 1,2-Dihydroxy anthraquinone).
Alkali blue dry, 250-lb. bbls., dlvd E. of Rockies ..... lb. 2.38 - —
Alkali blue toner, litho flushed, 125-lb bbls., same basis. lb. 1.35 - —
Alkali blue prices 1c. higher W. of Rockies.
Allethrin, 90%, dms., frt. alld lb.28.80 -28.90
Soln., 20%, dms., 200-2,000 lb. lots, frt. alld lb 6.50 6.55
2½% dms. frt alld ..... lb .95 1.10
Allspice oil (see Pimento oil)
Allyl alcohol, dms., c.l., dlvd .... lb .32½ - —
dms., l.c.l., dlvd. ..... lb. .33½ - —
tanks, dlvd ..... lb. .30 - —
Allyl bromide 55-lb cbys. 5,005 lbs. or more works lb 1.47 - —
55-lb. cbys. 1,045 to 4,950 lbs., works lb 1.52 - —
55-lb cbys. 55 to 990 lbs. works. lb 1.57 - —

Abbreviations

Used in OPD Market Quotations

alld.	allowed	distr.	distributor	No.	number
amorph.	amorphous	djns.	demijohns	nom.	nominal
AMP	American melting point	dlvd.	delivered	o-	ortho
anhyd.	anhydrous	dms.	drums	ord.	ordinary
AOAC	Association of Official Agricultural Chemists	dom.	domestic	oz.	ounce
		E.	east	p-	para
		e.p.	end point	Pac.	Pacific
		equald.	equalized	pf.	proof
a.p.a.	available phosphoric acid	exp.	expressed	phos.	phosphate
		Ext.	external	photo.	photographic
approx.	approximately	F.	fahrenheit	pkgs.	packages
artif.	artificial	ferment.	fermentation	powd.	powdered
ASTM	American Society for Testing Materials	f.f.a.	free fatty acid	precip.	precipitated
		f.f.c.	free from chlorine	prod.	producer
Atl.	Atlantic	fib.	fiber	pt.	point
Be.	Baume	f.o.b.	free on board	pulv.	pulverized
bbls.	barrels	f.p.a.	free of prussic acid	purif.	purified
bgs.	bags	frt.	freight	redist.	redistilled
bls.	bales	gal.	gallon	refd.	refined
bots.	bottles	gran.	granular	refy.	refinery
b.p.	boiling point	grd.	ground	reg.	regular
b.p.l.	bone phosphate of lime	i &a.	iron and aluminum	resub.	resublimed
				ret.	returnable
b.r.	boiling range	t.b.p.	initial boiling point	SD	specially denatured
bxs.	boxes	imp.	imported	s.d.	single distilled
C.	centigrade	incl.	included	S E.	southeast
cbys.	carboys	indust.	industrial	sec.	secondary
CD	completely denatured	kgs.	kegs	secs.	seconds
		l-	laevo	s.g.	specific gravity
c.i.f.	cost, insurance, freight	lacq.	lacquer	shipt.	shipment
		lb.	pound	soln.	solution
cks.	casks	l.c.l.	less than carlots	s.u.	standard unit
c.l.	carlots	l.t.l.	less truckload	syn.	synthetic
cns.	cans	liq.	liquid	tanks.	railroad tankcars
coml.	commercial	mfrs.	manufacturers	tech.	technical
conc.	concentrated	m-	meta	tert-	tertiary
CP	chemically pure	m.a.p.	mixed aniline point	t.l.	truck loads
cps.	centipoises	min.	minimum	t.w.	tank wagons
cryst.	crystalline	m.p.	melting point	USP	U. S. Pharmacopoeia
cs.	cases	N-	nitrogen		
ctns.	cartons	n-	normal	vis.	viscosity
cyls.	cylinders	nat.	natural	VM&P	varnish makers & painters
d-	dextro	neut.	neutral		
dbl.	double	NF	National Formulary	W.	west
denat.	denatured	NNR	New and Nonofficial Remedies	whse.	warehouse
dest-dist.	destructively—distilled			w w.	water-white
dl-	dextrolaevo				
dist.	distilled				

A unit-ton is 2,000 pounds of 1 percent of the basic constituent or other standard of the material. The percentage figure of the basic constituent multiplied by the price figure shown gives the price of 2,000 pounds of the material.

Allyl chloride, dms., c.l., dlvd. .. lb. .17¼ - —
dms., l.c.l., dlvd. ..... lb. .18¼ - —
tanks, dlvd .. .. lb. .15 - —
Allyl isocyanate (see Mustard Oil, syn.).
Almond oil, artif., bitter (see Benzaldehyde).
Almond oil nat., bitter f.p.a. bots lb. 2.75 - 3.45
NF, bots. ..... lb. 3.00 - 3.30
USP, sweet, cns., dms..... lb. .90 - 1.40
Aloe, Cape cs. ..... lb .50 - —
powd., cs ..... lb .75 - —
Curacao kgs. ..... lb .60 - —
powd. kgs ..... lb .80 - —
Aloin, USP, bbls., dms., kgs. ... lb. 3.25 - 3.75
Alphanaphthol (see a-Naphthol).
Alphanaphthylamine (see a-Naphthylamine).
Alphanitronaphthalene (see a-Nitronaphthalene).
Alphapicoline (see a-Picoline).
Alphaterpineol (see a-Terpineol).
Alphatocopherol (see a-Tocopherol).
Alum ammonium gran., bgs., works 100 lbs 4.30 - —
lump, dms., works ..... 100 lbs. 5.05 - —
powd., dms., works ..... 100 lbs. 5.20 - —
USP, burnt dms ..... lb. .20 - .21
hydrous, dms. ..... lb. .07¾ - .08
Alum potassium gran. bgs., works. 100 lbs 4.55 - —
lump, dms., works ..... 100 lbs. 5.30 - —
powd., dms., works ..... 100 lbs. 5.45 - —
USP, burnt., dms ..... lb. .20 - .21
hydrous, dms. ..... lb. .07¾ - .08
Alum, potash-chrome, dms ..... lb. .17 - —
Alumina calcined bgs. c.l., works. lb. .0175 - —
bgs., l.c.l., works lb. .05 - .0775
Aluminum acetate, basic soln., 24%, bbls. l.c.l., works lb. .14 - —
Aluminum chloride, coml., anhyd., dms., c.l., works, frt. equald lb. .15 - —
dms., l.c.l., works lb. .15½ - —
cryst., dms., c.l., works 100 lbs. 16.00 - —
dms., l.c.l., works. 100 lbs. 16.50 - —
soln 32° cbys., c.l., works lb .0445 - —
cbys., l.c.l., works..... lb. .0520 - .1290
tanks, works ..... 100 lbs. 3.45 - —
NF, gran., dms., works ..... lb. .31 - .32
Aluminum fluoride, tech., anhyd., bgs., c.l., works lb. .17¼ - —
bgs., l.c.l., works lb. .18¼ - .20¼
Aluminum fluoride in fib. dms. 0.35c. per lb higher
Aluminum formate, basic soln., dms., c.l., works lb. .12 - —
dms., l.c.l. works lb. .12½ - —
Aluminum hydrate, heavy, bgs., c.l., frt. equald lb. .0335 - —
bgs. 20,000-40,000 lb lots, same basis lb. .0360 - —
bgs. 2,000-20,000 lb. lots, same basis lb. .0460 - —
bulk, c.l., same basis lb. .0310 - —
Aluminum hydroxide, dried, USP XV, fib. dms. works lb. .82½ - —
fib dms., contract, works lb. .79½ - —
Aluminum hydroxide, gel, pharmaceutical, 14-15% Al_2O_3, fib. dms., works lb. .22 - —
9-9½% Al_2O_3, fib dms., works lb .19 - —
fib dms., contract, works lb. .18 - —
Aluminum hydroxide, tech., powd. (See Aluminum hydrate).
Aluminum metal, 99%+, ingots, 10,000-lb. lots, frt. alld lb. .2610 - —
pigs, 10,000-lb. lots, frt. alld lb. .24 - —
Aluminum oxide, amorphous (see Alumina, calcined).
Aluminum paste, lining, extra-fine, dms lb. .68½ - —
Standard grade, dms. ..... lb. .46 - —
Aluminum powder, lining, extra-fine, dms lb. 1.09½ - —
Standard grade, dms. ..... lb. .79½ - —

Aluminum paste and powder prices are f.o.b. shipping point. Add 1c. per lb. for 100-lb. dm., 1½c. per lb for 50-lb. dm., 3c. per lb. for 10 lb. can and 5c. to 12c. per lb. for smaller containers. Deduct 1c. per lb. for single shipment of 400 to 1,499 lbs., 2c. for 1,500 to 4,999 lbs., 3c. for 5,000 to 29,999 lbs. and 4c. for 30,000 lbs. or more. Where destination is within the continental U. S. a deduction equivalent to the lowest available common carrier transportation rate will be made from seller's invoice on orders of 200 lbs or over.

Aluminum resinate, precip., 2.1% t.t.l., dms lb. .36¼ - —
Aluminum stearate, dibasic, ctns., c.l lb. .39 - —
ctns., l.c.l ..... lb. .40 - .44
Monobasic, ctns., c.l ..... lb. .39 - —
ctns., l.c.l ..... lb. .40 - .44
Tribasic, ctns., c.l ..... lb. .39 - —
ctns., l.c.l ..... lb. .40 - .44
Aluminum sulfate, coml., grd., bgs., c.l., works, frt. equald ton 41.00 - —
grd., bulk, c.l., same basis ton.40.00 - —
lump, bgs., c.l., same basis ton.44.00 - —
Coml., iron-free, bgs., c.l., works, frt. equald. 100 lbs. 3.55 - —
bgs., l.c.l., works, frt. equald, 100 lbs. 3.95 - 7.95
USP, gran., dms., works ..... lb. .29 - .39
powd., dms., works ..... lb. .36 - .37

Aluminum sulfate prices $1 per ton higher in the South.

Aluminum trihydrate, heavy (see Aluminum hydrate, heavy).
Ambergris, gray, bots ..... oz. 6.50 - 7.50
p-Aminoacetanilide, frt. alld. .... lb. 1.57 - —
Aminoacetic acid, NF, bbls., frt. adjusted lb. 1.50 - 1.75
Aminoazotoluene base, bbls., 100% basis lb. 1.03 - 1.18
p-Aminobenzoic acid, tech., dry, dms., works lb. 1.72 - —
Aminoethyl ethanolamine, dms., c.l., dlvd lb. .475 - —
dms., l.c.l., dlvd. ..... lb. .485 - —
tanks, dlvd. ..... lb. .45 - —
2-Amino-2-methyl-1-propanol, dms., c.l., frt. alld lb. .44 - —
dms., l.c.l., frt alld. ..... lb. .45 - —
tanks, frt. alld ..... lb. .42 - —
m-Aminophenol, dist., dms., ton lots. lb. 2.05 - —
dms., smaller lots. ..... lb. 2.50 - —
p-Aminophenol, dms., frt. alld ... lb. 1.15 - —
Aminophylline, USP, 100-lb dms lb. 3.55 - —
p-Aminosalicylic acid, dms., 100 lbs. or more, frt. adjusted lb. 3.70 - —
Ammonia, anhyd., fertilizer, tanks, works, frt. equald. ton.88.00 - —
refrigeration tanks works, frt. equald ton.90.50 - —
Aqueous, 29.4%, tanks, works, anhyd. basis. ton.91.00 - —
Ammoniacal liquor (see Ammonia, aqueous).
Ammoniac, sal, gray, bgs., c.l., works, frt. equald 100 lbs. 8.25 - —
bgs., l.c.l., same basis. 100 lbs. 8.65 -12.65
Ammoniac, sal., white (see Ammonium chloride, tech.).
Ammonium acetate, purif., dms lb. .40 - —
Ammonium benzoate, USP, fib. dms. ton lots, works lb 1.00 - —
fib dms. 1,000-lb lots, works. lb 1.05 - —
Ammonium biborate, gran., dms., c.l., works ton.324.50 - —
dms., ton lots, ex whse ton.407.50 - —
dms., smaller lots, ex whse ton.412.50 - —
Ammonium bicarbonate, dom., dms. c.l., works 100 lbs 8.00 - —
dms., l.c.l., works ..... 100 lbs. 9.00 - —

Ammonium Bichromate—Asphalt

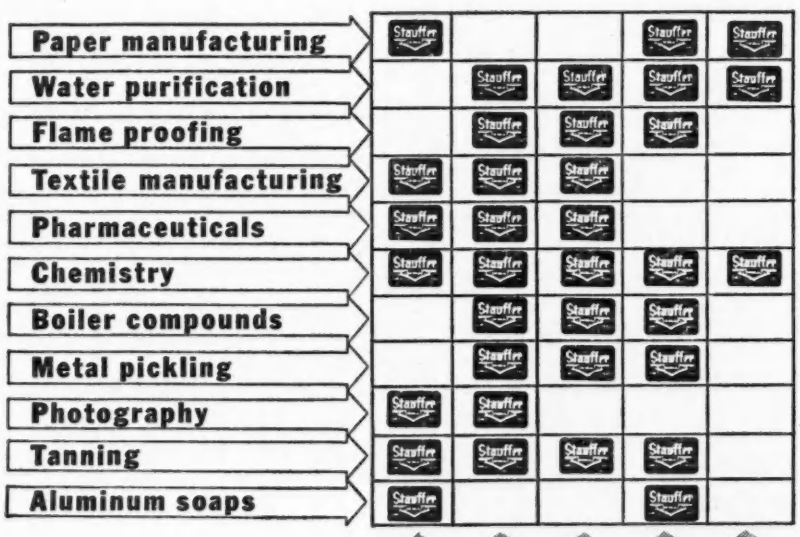
Ammonium bichromate, dms., works, lb. .42 - .43
Ammonium bifluoride, dms., dlvd lb. .2145- .2245
Ammonium bromide, NF, gran., bbls, lb. .45 - —
Powdered ammonium bromide 10c per lb higher
Ammonium carbonate USP, lump, dms., c.l lb. .15½- —
Ammonium chloride, tech., fine gran., bgs., c.l., works 100 lbs. 5.75 - —
bgs., l.c.l., works 100 lbs. 7.75 - 8.20
USP, gran., fib. dms lb .17¼ —
Ammonium citrate, dibasic, bbls lb. .77 - —
Ammonium dichromate (see Ammonium bichromate).
Ammonium fluoride (see Ammonium bifluoride).
Ammonium gluconate, tech., dms. lb. .45 - —
Ammonium hydroxide (see Ammonia aqueous)
Ammonium iodide NF, dms., bots, lb. 4.26 - 4.38
Ammonium lauryl sulfate, dms., c.l., frt. alld lb. .19 - —
dms., l.c.l., frt. alld lb. .20 - —
tanks, frt. alld lb. .18 - —
Ammonium linoleate, 80%, dms., works lb. .50 - .55
Ammonium molybdate, CP, cryst., fib dms., 15,000 lbs., works lb. 1.22 - —
fib. dms., 2,000-lb. contracts, works lb. 1.23 - —
single fib. dm., works lb. 1.24 - —

Ammonium nitrate, dom., fertilizer grade, 33.5% N, bgs., western works frt. equald. base price ton. 72.00 - —
Imp., Canadian, 33.5% N, eastern, bgs., c.l., ship't point, frt. equald to $8 ton base price ton. 72.00 - —
western bgs., c.l., f.o.b. cars, Los Angeles ton. 79 69 - —
with dolomite, 20.5% N, bgs., Hopewell, Va ton. 49 75 - —
Ammonium oxalate, tech., fine gran., powd., dms lb. .28½- .34½
Ammonium pentaborate, gran., bgs., c.l., works ton. 193.00 - —
bgs., ton lots, ex whse ton. 284.50 - —
bgs., smaller lots, ex whse ton. 289.50 - —
Ammonium pentaborate, powder $10 per ton higher
Ammonium persulfate, tech., dms., 10-ton lots or more works, lb. .18 - —
dms., smaller lots, works lb. .20 - .23
Ammonium phosphate, comi., bgs., c.l., works, frt. equald lb. .09¼- —
bgs. l.c.l. same basis lb. .10 - —
Ammonium phosphate dibasic, NF, V bbls, dms lb .46 - —
Tech., bgs., c.l., works, frt. equald. lb. .09¼- —
bgs., l.c.l., same basis lb. .10 - —
Ammonium silicofluoride, dms., works lb. .11¾- .13¼
Ammonium sulfamate bgs., c.l., t.l., works lb. .19 - —
bgs., l.c.l., works lb. .20½- .27

Ammonium sulfate, coke-oven, bulk, producing ovens, base price ton. 32.00 - —
purif., dms., works lb. .10 - .10½
Syn., bulk., c.l., works ton. 35.00 - —
Ammonium sulfate, tech., bulk, c.l., t.l., works ton. 52.00 - —
bgs., c.l., t.l., works ton. 56.00 - —
bgs., l.c.l., l.t.l., works 100 lbs. 3.20 - 7.20
Ammonium sulfide, liq., 40-44%, tanks, frt. equald., 100% basis ton. 160.00 - —
Ammonium sulfocyanide, tech (see Ammonium thiocyanate)
Ammonium thiocyanate, tech., cryst., dms., c.l. works lb. .20 - —
dms., l.c.l., works lb. .22 - .26
tech., soln, 50%, tanks, frt. equald., basis ammonium thiocyanate content lb. .17¼- —
Ammonium thioglycollate, comi., chys., 100% basis lb. 1.35 - 1.65
Highly purif., chys. 100% basis, lb. 1.70 - 1.96
d-Amphetamine hydrochloride, dibasic bots lb. 18.00 - 28.00
dl-Amphetamine hydrochloride, dibasic bots lb. 4.50 - 6.00
d-Amphetamine hydrochloride, monobasic, dms. lb. 17.50 - 21.00
d-Amphetamine phosphate, fib dms, 100-lb. lots lb. 15.00 - —
dl-Amphetamine phosphate, dms. lb. 4.20 - 5.00
d-Amphetamine sulfate, fib. dms., 100-lb. lots lb. 15.00 - —
dl-Amphetamine sulfate, fib. dms., lb. 4.20 - 5.00
Amyl acetate, ex fusel oil, tech., dist., from 125° to 150°C., dms., c.l., frt. alld. E. of Rockies lb. .18½- .19
dms., l.c.l. same basis lb. .19½- .20
tanks, same basis lb. .16 - .16½

Amyl acetate, ex pentane, reg. dms., c.l., dlvd lb. .19 - —
dms., l.c.l., dlvd lb. .20 - —
tanks, dlvd. lb. .16½- —
Amyl acetate, syn. oxo process, dms., c.l., dlvd lb. .19 - —
dms., l.c.l., dlvd lb. .20 - —
tanks, dlvd. lb. .16½- —
Amyl acetate, tech., dms., c.l., dlvd. lb. .17 - —
dms., l.c.l., dlvd lb. .18 - —
tanks, dlvd lb. .14½- —
Amyl alcohol, ex fusel oil (see Fusel oil, refd.).
Amyl alcohol, ferment., refd., 128°-132°C., dms., l.c.l., dlvd lb. .43 - —
refd., ACS grade, dms., l.c.l., dlvd lb. .45 - —
Amyl alcohol, ex pentane, mixed, amyls, dms. c.l., frt. alld. lb. .18½- —
dms., l.c.l. frt. alld lb. .19½- —
tanks, frt. alld lb. .16 —
primary, dms. c.l. frt. alld. lb. .20¼- —
dms., l.c.l., frt. alld lb. .21¼- —
tanks, frt. alld lb. .17¾- —
sec-synthetic, dms. c.l., works, frt. alld lb. .19 - —
dms., l.c.l., works lb. .20 - —
tanks, works lb. .17 - —
tert-synthetic, dms. c.l., frt. alld E lb. .18½- —
dms., l.c.l., frt. alld E lb. .19½- —
tanks, frt. alld E lb. .16 —
Amyl alcohol, 1-pentanol (syn normal), dms., c.l., works lb. .41½- —
dms., l.c.l., works lb. .42½- —
tanks, works lb. .39½- —
Amyl alcohol, 2-pentanol, dms., c.l., works lb. .65 - —
dms., l.c.l., works lb. 70 - —
tanks, works lb. 60 - —
Amyl n-butyrate, dms lb. 1.00 - 1.25
Amyl cinnamic aldehyde, dms lb. 1.75 2.20
o-tert-Amyl phenol, dms. c.l., works. lb. .49½- —
dms., l.c.l., works lb. .50½- —
tanks, works lb. .47 —
p-tert-Amyl phenol, dms., c.l. works. lb. .26¾- —
dms., l.c.l., works lb. .27¾ —
Amyl salicylate, cns., dms. lb. .80 - 1.10
Amyris oil, dms lb. 1.30 - 1.40
Anethole, USP, cns., dms lb. 1.25 - 1.70
Tech., dms. lb. .85 - .90
Angelica root, dom., bls lb 60 65
Angelica root oil, bots. lb. 120.00 -130.00
Angelica seed oil, bots lb 120.00 -130.00
Aniline, dms. c.l., frt. alld lb. .20 - —
dms., l.c.l., frt. alld lb. .21 - —
tanks, frt. alld lb. .18 - —
Aniline oil (see Aniline).
Aniline salt, dms., c.l., truckloads, 20,000 lbs. min., frt. alld. lb. .33 - —
dms. l.c.l. same basis lb .35 —
Anise oil, USP, dms lb. 2.00 - 4.05
Anise seed, Mexican, bgs. lb. .17 - —
Spanish, bgs. lb. .18½- —
Anisic aldehyde, dms. lb. 1.85 2.20
o-Anisidine, dms., c.l., frt. alld lb. .80 - —
dms., l.c.l., same basis lb. .82 - —
tanks, same basis lb. .78 - —
p-Anisidine, dms., works lb. .97 - —
Anthracene, 90-95%, dms., c.l., t.l., f.o.b., works lb. .42½- —
dms., l.c.l., minimum shipment 1,000 lbs., same basis lb. .45 - —
Anthranilic acid, 99%, 150-lb. dms., dlvd lb. 1.15 - —
Anthraquinone, 99.5%, bbls., c.l., frt. alld lb. .83 - —
bbls., l.c.l., same basis lb. .86 - —
Electrical grade, bbls., l.c.l., same basis lb. 1.10 - —
Antimony butter (see Antimony trichloride).
Antimony metal, bulk, c.l., mines lb. .29 - —
cs. c.l., mines lb. .29½- —
Antimony oxide, bgs., c.l., frt. alld. lb. .24½- —
bgs., l.c.l., frt. alld. lb. .26 - —
Antimony sulfide, approx 65%, bgs., 10,000-lb. lots, dlvd lb. .23 - —
bgs., smaller lots, dlvd lb. .24 - .26
Antimony trichloride, anhyd., solid, pails, c.l., works lb. .41 - —
pails, l.c.l., works lb. .43 - —
Antimony-potassium tartrate, tech., powd., 250-lb. dms lb. .69½- —
USP, powd., 250-lb. dms. lb. .74½- —
Antipyrine, NF, 200-lb. bbls lb. 3.50 - —
Apomorphine hydrochloride USP 25-oz. lots oz. 35.60 - —
Apricot kernel oil, USP, dms lb. 85 - 1.10
Arabic gum, amber sorts, bgs. lb. .21 - .23
USP, powd., bbls. lb. .26 - .29
Areca nuts, powd. bbls. lb. .13 - —
Arecoline hydrobromide NF, bots., tins oz. 4.50 - 6.00
l-Arginine, free base, dms., 10-kilo lots or more kilo. 90.00 - —
l-Arginine glutamate, dms., 10-kilo lots or more kilo. 60.00 - —
l-Arginine monochloride, dms., 10-kilo lots or more kilo. 60.00 - —
Arnica flowers (true Montana), bls. lb. 1.40 - 1.50
Arsenic, crude (95%), bulk, c.l., works lb. .016 - —
bbls., c.l., works lb. .031 - —
Arsenic trioxide, USP, dms lb. .48 - —
Arsenic, white, powd., bbls., c.l., works lb. .04½- —
bbls., l.c.l., works lb. .06½- .07¼
Arsenous acid, tech (see Arsenic, white).
Arsenous acid, USP (see Arsenic trioxide).
Arylid maroons, deep shades, bbls. lb. 3.70 - —
Light shades, bbls lb. 2.85 - —
Maroon shade, bbls lb. 3.70 - —
Asafetida gum, cns. lb. .40 - —
Powd., bbls., dms lb. .55 - —
Asbestine (see Talc, fibrous, New York).
Asbestos, Canadian crude, 6D, c.l. (30 tons), mines ton. 86.00 - —
7D, c.l. (30 tons), mines ton. 75.00 - —
7F, c.l. (30 tons), mines ton. 71.00 - —
7H, c.l. (30 tons), mines ton. 61.00 - —
7K, c.l. (30 tons), mines ton. 50.00 - —
7M, c.l. (30 tons), mines ton. 44.00 - —
7R, c.l. (30 tons), mines ton. 43.00 - —
7RF, c.l. (30 tons) mines ton. 44.00 - —
7T, c.l. (30 tons), mines ton. 41.00 - —
7TF, c.l. (30 tons) mines ton. 44.00 - —
Asbestos prices are in Canadian funds; l.c.l. lots $4 per ton higher.
Ascorbic acid, USP, dms., 25-100 kilo lots kilo. 10.00 - —
dms., 10-kilo lots kilo. 10.35 - —
dms., 5-kilo lots kilo. 10.75 - —
bots., 1-kilo lots kilo. 12.00 - —
bots., 500-gram bots kilo. 12.50 - —
Ash black (see Barium sulfide).
Asphalt, gilsonite, black jet, bgs., c.l., mines ton. 40.00 - —
ex-whse, N. Y., N. J. ton. 86.50 - —
seconds, 300°-390°F. fusing pt., bgs., c.l., mines ton. 35.00 - —
select, 350° F. fusing pt., bgs., c.l., mines ton. 41.00 - —
270°-295° F. fusing pt., bgs. c.l., mines ton. 40.00 - —
Asphalt, manjak, No. 10 crude, dms., works lb. .07 - —
Asphalt, petroleum, cut-back, tanks, tankwagon, refy. gal. .09 - —
emulsion, tanks, tankwagon refy. gal. .09¼- —

MAJOR SOURCE OF ALUMS



Major uses of Stauffer Alums, and the types of Alum commonly used for these purposes are shown at left. For these and an additional score or more of highly specialized uses, Stauffer supplies alums of highest purity, both solid and liquid; the solids in many grades, from powder to lumps of one to four inches in size.

ALUM LIQUOR
ALUMINUM SULFATE
AMMONIUM ALUM U.S.P.
POTASSIUM ALUM U. S. P.
ALUMINUM SULFATE "IRON FREE"

Stauffer's alum products are shipped from plants in Bastrop and Springhill, La., and from Houston, San Francisco, Tacoma and No. Portland, Ore. Alum liquor of both commercial and iron-free grades is shipped in rubber-lined tank cars and tank trucks. Send for complete detailed catalog.

STAUFFER CHEMICAL COMPANY

380 Madison Avenue, New York 17, New York
636 California Street, San Francisco 8, Calif.

Consolidated Chemical Industries Division
6910 Fannin Street, Houston 25, Texas

Stauffer CHEMICALS SINCE 1885

Asphalt, petroleum, steam-refd., 50-89 penetration, tanks, tankwagon, refy.....ton.21.00 - —
85-300 penetration tanks, tank wagon refy ton 20.00 - —
Aspirin (see Acetylsalicylic Acid)
Atropine, NF, tins.....oz. 5.75 - 6.50
Atropine sulfate, USP, bots.....oz. 5.00 - 5.50
Avocado oil, crs .....lb. 3.00 Nom.

B

Bacitracin, bulk, 1,000,000,000 or more units 50,000 units. .65 - —
less than 1,000,000,000 units. 50,000 units. .70 - —
Balm of Gilead buds dried, bgs lb. 1.25 - 1.35
Barberry root bark, bgs ..... lb 28 - .30
Barbital, NF 100-lb dms ..... lb. 4.50 - —
Barbital sodium, NF dms lb. 4.75 - —
Barium carbonate precip bgs, c.l. works ton.111.50 - —
bgs, smaller lots, works ton.126.50 - —
Barium chlorate dms works lb 32 41
Barium chloride anhyd bgs, c.l. works ton.176.00 - —
bgs., l.c.l., works ton.196.00 - —
Barium chloride, NF crvst., 100-lb dms lb 22 - —
Tech. crvst, bgs, c.l. works 100 lbs. 7.00 - —
bgs., l.c.l., works 100 lbs. 8.00 - —
Barium chromate bgs, frt. equald. lb 38 - —
Barium dioxide (see Barium peroxide)
Barium hydrate, cryst., bgs., c.l., t.l., frt equald ton.208.00 - —
bgs., l.c.l., t.l., frt. equald ton.218.00 - —
Barium monoxide (see Barium oxide)
Barium nitrate, bbls, c.l., t.l., dlvd lb 16 - —
bbls, l.c.l., t.l., dlvd lb 17 - —
Barium oxide grd dms, c.l., t.l., frt equald ton.275.00 - —
dms, l.c.l., t.l., frt equald ton.285.00 - —
Barium peroxide dms frt equald lb 20 - —
Barium stearate, clns, c.l. frt. alld. lb. .41 - —
clns., l.c.l., same basis ..... lb. .42 - .46
Barium sulfate tech (see Barytes and blanc fixe)
Barium sulfate, X-ray, dms. lb. .15 - .15½
Barium sulfide dms, c.l., works. ton.100.00 - —
dms., l.c.l., works ..... ton.110.00 - —
Barytes, southern off-color, bgs. mines ton.25.00 - —
95-75% bgs mines ton.25.00 - —
white, water-grd., paper bgs, c.l., St. Louis ton.55.00 -55.25
paper bgs, ex whse, New York ton.79.85 - —
Battery acid, cbys, c.l. works, E. 100 lbs 2.35 —
cbys., l.c.l., works E .....100 lbs. 2.65 -10.95
Bauxite, bulk, mines ..... ton 7.00 -10.00
Bay oil, NF, Puerto Rican, 50-55%, crs lb. 2.10 - 3.05
55-60%, crs. ..... lb. 2.50 - 3.05
West Indian 50-55% crs, dms. lb. 2.30 - 3.00
Bayberry wax, bgs ..... lb. .45 - .47
Beeswax, crude, African, bgs....lb. .58 - .59
Brazilian bgs. ..... lb. .67 Nom.
Central American, bgs..... lb. .60 Nom.
Chilean bgs. ..... lb. .67 Nom.
Refd., USP, bleached, white, bricks, 100-lb, ctns .. lb. .73 - .75
white, slabs, 100-lb, ctns lb. .72 - .74
yellow bricks, 100-lb, ctns.. lb. .65 - .67
yellow slabs, 100-lb, ctns... lb. .64 - .66
Belladonna leaf, bls. ..... lb. .30 - —
Belladonna root bls ..... lb. .30 - —
Bentonite, dom. 200 mesh, bgs., c.l., mines ton.14.00 - —
imp. Italian, white, high gel, bgs., 5-ton lots, ex whse ton.91.00 - —
bgs. 1-ton lots ex whse ton.94.00 - —
low gel. bgs. 5-ton lots ex whse ton.89.35 - —
bgs., 1-ton lots, ex whse ton.92.35 - —
Benzal chloride cbys. works ... lb. .44 - —
Benzaldehyde NF dms ..... lb. .80 - .86
Tech., cbys. dms. t.l..... lb. .43 - —
cbys. smaller lots ..... lb. .44 - —
Benzene, coaltar, pure or nitration, tanks, works:
Bethlehem, Pa. .....gal. .31 - —
Birmingham district ....gal. .31 - —
Chicago district .....gal. .31 - —
Cleveland district .....gal. .31 - —
Geneva, Utah .....gal. .31 - —
Johnstown, Pa. .....gal. .31 - —
Lackawanna, N. Y. ....gal. .31 - —
Lone Star, Tex. .....gal. .31 - —
Lorain, Ohio .....gal. .31 - —
Minnequa, Colo. .....gal. .31 - —
Philadelphia district ....gal. .31 - —
Pittsburgh district ....gal. .31 - —
Sparrows Point, Md. ..gal. .31 - —
Syracuse, N. Y. .....gal. .31 - —
Terre Haute, Ind. .....gal. .31 - —
Youngstown, Ohio. ....gal. .31 - —
Benzene, petroleum, nitration or industrial, Houston, Tex., tanks, gal. .31 - —
Benzene hexachloride, 25% and 99% gamma isomer (see Lindane).
Benzene hexachloride, tech. high gamma, dms., c.l., dlvd. gamma unit-lb. .00825- —
dms., t.c.l., works gamma unit-lb. .009 .0095
low gamma, dms, c.l. dlvd. gamma unit-lb. .00825- —
dms., t.c.l., works, gamma unit-lb. .009 - —
Benzidine hydrochloride, bbls., c.l., frt. alld., 100% basis lb. 1.19 - —
bbls, t.c.l. same basis lb. 1.21 - —
Benzidine sulfate, tech., bbls., frt. alld., 100% basis lb. 1.21 - —
Benzidine yellow AAA bbls. dlvd. lb. 2.30 - —
AAOT, bbls., dlvd. ..... lb. 2.55 - —
Lightfast, bbls., dlvd. ..... lb. 3.40 - —
Benzocaine dms ..... lb. 3.48 - 3.50
Benzoic acid, tech., bbls., dms., c.l., t.l., frt. alld. lb. .37 - —
bbls., dms., ton lots, same basis, lb. .41 - —
bbls., dms., 1,000-lb. lots, same basis lb. .43 - —
USP, bbls., dms., ton lots..... lb. .48 - —
bbls., dms., 1,000-lb. lots..... lb. .50 - —
Benzoin gum Sumatra cs ..... lb. .33 - —

Benzol

Benzol quotations, both coaltar and petroleum, may be found under Benzene.

Benzophenone, dms ..... lb. 1.40 - 1.70
Benzotriazole, tech. dms., 1,000-lb. lots, works lb. 2.25 - —
Benzotrichloride, cbys., 1,000-lb. lots or more, frt. equald lb. .21 - —
cbys. smaller lots frt. equald lb. .23 - —
Benzoyl chloride, cbys., dms., c.l., works frt equald lb. .22 - —
cbys. t.c.l., same basis lb. .23 - —
tanktrucks, dlvd., Metropolitan area, lb. .21 - —
Benzoyl peroxide, purif., fib dms., 50 to 1,000-lb lots, works lb. .98 - 1.08
Benzyl acetate, f.f.c., cns., dms. lb. .58 - .79
Benzyl alcohol, NF, dms. ..... lb. .58 - .80
tech., dms., dlvd ..... lb. .47½- .65
Benzyl benzoate, NF, 40-lb. dms., lb. .68 - —
Benzyl chloride, tech., cbys., dms., c.l works frt equald lb. .22½- .25½
cbys dms, t.c.l same basis lb. .23½- .25½
tanktrucks, dlvd, Metropolitan area lb .21 —
A 2½c differential is quoted on benzyl chloride in 5-gal cbys in steel dms, prices are ½c lower
Benzyl cinnamate, cns ..... lb 3.30 3.60
Benzyl dimethylamine dms, works. lb 2.25 —
Benzyl formate, cns ..... lb. 1.85 2.10
Benzyl isoeugenol cns ..... lb 9.85 —
Benzyl propionate, bots ..... lb 1.35 1.65
Benzyl salicylate bots ..... lb 1.60 1.85
Benzylidine acetone, bots ..... lb 1.75 1.80
Benzylidine chloride (see Benzal chloride)
Berberine bisulfate cns lb 35.00 -36.25
Berberine hydrochloride bots. lb 35.00 -36.25
Bergamot oil, nat. NF Italian cns lb.12.75 -13.75
Betagammapicoline (see b,g-Picoline).
Betahydroxynaphthoic acid (see b-Oxynaphthoic acid).
Betaoxynaphthoic acid (see b-Oxynaphthoic acid).
Betamethylnaphthalene (see b-Methylnaphthalene).
Betanaphthol (see b-Naphthol).
Betanapthylamine (see b-Naphthylamine).
Betaphenylethylamine (see b-Phenylethylamine).
BHC (see Benzene hexachloride tech.)
Biotin, cryst. bots gram 10.00 - —
Biphenyl (see Diphenyl).
Birchtar oil, crude, cns.....lb. 1.80 - 1.90
Rectified, cns.....lb. 1.75 - 1.85
Bismuth chloride, tars .....lb. 5.11 - —
Bismuth hydroxide, dms.....lb. 4.60 - 4.65
Bismuth metal, bxs., ton lots....lb. 2.25 - —
Bismuth nitrate, cryst., dms....lb. 2.08 - 2.17
Bismuth oxide, anhyd., dms. ....lb. 4.47 - 5.05
Bismuth oxychloride, dms. lb. 4.37 - 4.42
Bismuth subcarbonate, USP dms lb 3.20 - —
Bismuth subgallate, NF fib dms lb 3.15 - —
Bismuth subiodide, fib, dms lb 5.37 - —
Bismuth subnitrate, NF, dms. lb 2.65 - —
Bismuth subsalicylate, USP, dms lb. 3.50 - —
Bismuth-ammonium citrate, USP, powd., tars lb. 4.22 - —
Bisphenol-A, bgs, c.l., t.l., frt. alld. lb. .30 - —
bgs, l.c.l. same basis ..... lb. .31 - —
Blackberry root bark, bls.....lb. .50 - .55
Black haw root bark, bls ..... lb .53 - .65
Black haw tree bark, bls. ..... lb 45 - .50

Black Pigments

Black pigment quotations are listed individually. For example, prices on Black, acetylene, may be found in the A's under Acetylene black.

Blanc fixe, direct process, bgs., c.l., works ton.115.00 - —
bgs., l.c.l., works..... ton.125.00 - —
bgs., l.c.l., New York whse ton.169.00 - —
Blood, dried, 16-16½% ammonia, New York..unit-ton. 6.75 - —
high-grade, unground, 16-17% ammonia bgs, Chicago unit-ton. 7.50 - —
Blood, dried, soluble, bgs, c.l lb 13 - .14
bgs., t.l. .....lb. .15 - .17
bgs., l.t.l. .....lb. .15½- .35¼
Bloodroot, bls ..... lb 48 50

Blue Pigments

Blue pigment quotations are listed individually. For example, prices for Blue, ultramarine, may be found in the U's under Ultramarine blue.

Blue dyes (see Dyes)
Blue vitriol (see Copper sulfate)
Bois de rose oil, Brazilian, dms .lb. 2.55 - 3.75
Peruvian, dms. .....lb. 2.10 - 2.55

Can you name all the stearate applications in this picture?

Witco Stearates are improving products, smoothing processes, cutting costs in a multitude of applications throughout industry. A few of the applications are shown in this picture. Can you name them?

ANSWERS TO PICTURE PUZZLE

❶ **Rubber Toy**—Witco Zinc Stearate is widely used as a highly efficient mold release agent. ❷ **Umbrella**—Witco Aluminum Stearate is a highly effective waterproofing agent. ❸ **Powder Compact**—Witco Zinc Stearate is used in plastics manufacture to lubricate mold surfaces and minimize breakage and disintegration of the finished products. ❹ **Girl's hair**—Witco Sodium Stearate finds wide application in wave-set formulations, shampoos, stick-type colognes, etc. ❺ **Spices**—Nontoxic Witco Calcium Stearate improves free-flowing properties of food flavorings, etc....gives added sales appeal. ❻ **Magazine**—Witco Calcium Stearate increases water resistance, improves flow properties, imparts desired flexibility in paper coatings. ❼ **Raincoats**—Witco Stearates are heat and light stabilizing agents for transparent plastic films, sheeting and extruded compounds. ❽ **Net bag**—Witco Aluminum Stearate imparts water-repellent properties to net bags, fishing nets, etc. ❾ **Paint**—Witco Zinc Stearate is outstandingly effective as a flatting agent for paints, varnishes and lacquers. It also aids suspension, eliminates undesirable settling and reduces "color floating." ❿ **Lipstick**—Witco Calcium Stearate improves texture, appearance and performance of cosmetic sticks, creams, powders, etc.

WITCO CHEMICAL COMPANY
122 East 42nd Street, New York 17, N. Y.
Chicago • Boston • Akron • Atlanta • Houston • Los Angeles • San Francisco • Toronto, Ontario • London and Manchester, England

BON Acid Maroons—Calciferol

BON acid maroons pure, bbls lb 1.75 · —
Resinated bbls lb 1.50 · —
Bone black, dms., l.c.l. frt. alld lb. .18 · .22¾
Pacific coast bone black prices 2c per lb higher
Bonemeal, steamed, works, E ton.65.00 · —
Bone phosphate, defluorinated of lime (see Defluorinated phosphate).
Bone phosphate precip (see Calcium phosphate tribasic)
Borax, tech. anhyd., 99½%, bgs., c.l., works ton.87.50 · —
bgs. ton lots ex whse. New York or Chicago ton.143.75 —
bgs., smaller lots, same basis, ton.148.75 · —
bulk, c.l., works ton.78.50 · —
gran., decahydrate, 99½%, bgs., c.l. works ton.47.50 · —
bgs., ton lots, ex whse New York or Chicago ton.103.75 · —
bgs., smaller lots, same basis, ton.108.75 · —
bulk, c.l., works ton.41.00 · —
pentahydrate, 99½%, bgs., c.l. works ton.63.00 · —
bgs. ton lots ex whse New York or Chicago ton.119.25 —
bgs., smaller lots, same basis, ton.124.25 · —
bulk, c.l., works ton.56.50 —
powd., 99½%, bgs., c.l., works, ton.52.50 · —
c.l., works ton.52.50 · —

Borax, powd., 99½% bgs., ton lots, ex whse. New York or Chicago ton.108.75 · —
bgs., smaller lots, same basis, ton.113.75 · —
USP borax $15 per ton higher.
Bordeaux mixture, bgs., c.l., works, frt. alld. or nearest whse. pt. bgs., l.c.l. same basis lb. .19 · .20
Boric acid, tech., anhyd. 99.9%, bgs., c.l., works ton.335.00 · —
bgs. ton lots ex whse, New York or Chicago ton.390.00 · —
bgs., smaller lots, same basis, ton.415.00 · —
cryst., 99.9%, bgs., c.l., works, ton.133.50 · —
bgs., ton lots, ex whse New York or Chicago ton.190.75 · —
bgs., smaller lots, same basis, ton.195.75 · —
dms., c.l., works ton.158.00 -178.00
dms., ton lots, ex whse New York or Chicago ton.215.25 -235.25
dms., smaller lots, same basis, ton.220.25 -240.25
gran., 99.9% bgs. c.l., works, ton.108.50 · —
bgs. ton lots, ex whse. New York or Chicago ton.165.75 · —
bgs., smaller lots, same basis ton.170.75 · —
dms. c.l., works ton.133.00 -153.00
dms., ton lots, ex whse New York or Chicago ton.190.25 -210.25

Boric acid, gran., 99.9%, dms., smaller lots, same basis ton.195.25 -215.25
bulk, c.l., works ton.102.50 · —
powd., 99.9%, bgs., c.l., works ton.113.50 · —
bgs., ton lots, ex whse New York or Chicago ton.170.75 · —
bgs., smaller lots, same basis, ton.175.75 · —
dms., c.l., works ton.138.00 -158.00
dms., ton lots, ex whse New York or Chicago ton.195.25 -215.25
dms. smaller lots, same basis, ton.200.25 -220.25
USP boric acid $25 per ton higher.
Borneol, cns lb 2.75 · —
Boron trichloride, CP 1,800-lb. cyls., works lb 1.25 · —
100-lb. cyls., works lb. 1.70 · —
Boron trifluoride gas cyls, truckload works lb .62 —
cyls., l.t.l., works lb. .70 · —
Brazilwood extract (see Hypernic extract)
Brimstone (see Sulfur).
Broenner's acid, bbls lb. 1.76 · —
Bromine purif cs. c.l., t.l., dlvd. E of Rockies lb .32 —
cs. l.c.l. same basis lb. .34 .39
ret. dms. c.l. t.l. dlvd E of Rockies lb .31 —
ret. dms. l.c.l. same basis lb .31 .34
tanks, same basis lb 22½ —
Bromochloromethane dms., c.l., frt. equald lb 48 · —
dms., l.c.l. same basis lb 50 · —
tanks, same basis lb 47 —
Bromoform, pharmaceutical grade, 100-lb chys lb 1.80 1.90
Bromstyrol, bots lb 5.45 5.70
Brucine, cns., 100-oz. lots oz. 1.20 Nom.

Brucine sulfate, NF, cns., 100-oz. lots oz. 1.15 Nom.
Buchu leaves, bls lb. 1.20 —

Brown Pigments

Brown pigment quotations are listed individually. For example, prices on Brown, iron oxide, may be found in the I's under Iron oxide brown.

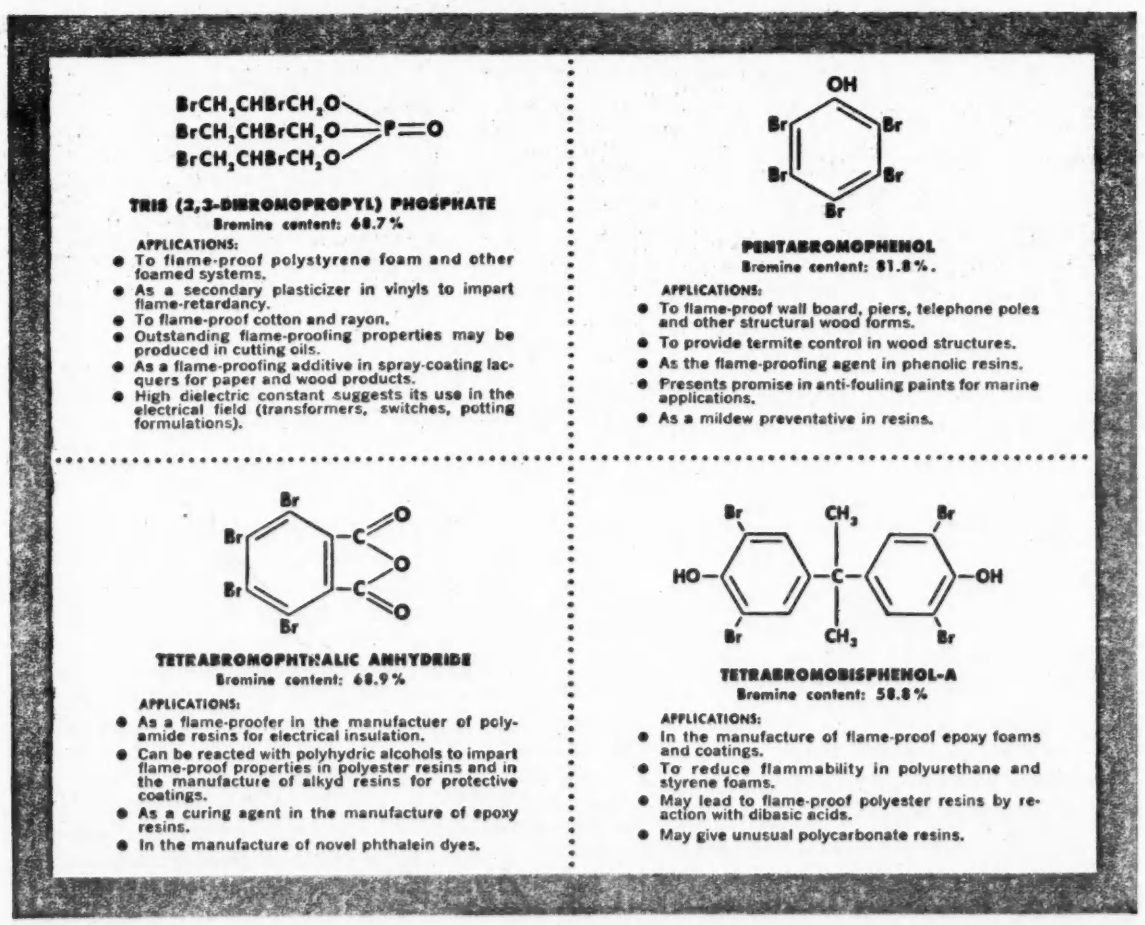
Butadiene retd cyls c.l., refy lb 21 —
cyls., l.c.l., refy lb 22 —
tanks, contract, refy. lb. 14½ .15
Butane indust. tanks, group 3 gal 04 —
n-Butyl acetate ferment, dms., c.l., frt. alld lb .17 —
dms., l.c.l. same basis lb 18 —
tanks, same basis lb 14½ —
Syn., dms., c.l. dlvd E lb 17 —
dms., l.c.l., same basis lb 18 —
tanks, same basis lb 14½ —
sec-Butyl acetate syn dms., c.l., dlvd E lb 14¾ —
dms., l.c.l. same basis lb .15¾ —
tanks, same basis lb 12¼ —
n-Butyl acrylate, dms, c.l. or t.l., straight or mixed frt. alld E. lb. 57½ —
dms., t.l.l. same basis lb. 58½ —
tanks, same basis lb 55 —
Prices of n-butyl acrylate are 1½c. per lb. higher in Ariz., Calif., Idaho, Nev., Ore., Utah and Wash.
Butyl alcohol, terment, dms., c.l., frt alld lb. .17 —
dms. l.c.l., frt. alld lb .18 —
tanks, frt. alld lb. 14½ —
Syn., dms., c.l., dlvd lb .17 —
dms., l.c.l., dlvd lb .18 —
tanks, dlvd lb. 14½ —
Butyl alcohol, sec-synthetic, dms., c.l., dlvd lb. .15 —
dms., l.c.l., dlvd lb. .16 —
tanks, dlvd lb. 12½ —
Butyl alcohol, tert-synthetic, dms., c.l. frt. alld. dlvd. E lb. .14¾ —
dms. l.c.l. same basis lb. .15¾ —
tanks, same basis lb. .12¼ —
Butyl aldehyde (see Butyraldehyde).
Butyl chloride, dms. c.l. works lb .37½ —
dms. l.c.l works lb. 38¼ —
n-Butyl ether dms. c.l. works lb .35¼ —
dms., l.c.l. works lb 36 —
tanks works lb .33¼ —
Butyl lactate dms c.l. frt. alld E. of Rockies lb 42½ —
dms. l.c.l. same basis lb 43½ —
tanks, same basis lb 40 —
Butyl laurate dms. works lb 37½ —
Butyl methacrylate dms., c.l., t.l., works lb 59 —
dms. l.c.l., works lb 55½ —
Butyl oleate refd., dms., l.c.l., works lb 32 —
Butyl phenylacetate dms lb 4.50 4.60
Butyl phthalate (see Dibutyl phthalate)
Butyl stearate dms. c.l. frt alld. E. of Mississippi lb. .27¼ .27½
dms., l.c.l., same basis lb. .28¼ —
Butylamine (see Mono-, Di- and Tributylamine)
6-tert-Butyl-m cresol, dms., c.l., works lb .53 —
dms., l.c.l., works lb. .56 —
tanks, works lb. .54 —
Butylated hydroxytoluene (see 2,6-Di-tert-butyl-p-cresol).
p-tert-Butylphenol bgs., c.l., works. lb. .27½ —
bgs., l.c.l. works lb. .28½ —
Butyraldehyde, dms., c.l., dlvd lb. .22 —
dms., l.c.l., dlvd. lb. .23 —
tanks, dlvd lb. .15¼ —
Butyric acid, 99%, dms., c.l., frt. equald lb .34 —
dms. l.c.l., same basis lb 34½ —
tanks, same basis lb 32½ —
Butyric ether (see Ethyl butyrate)

C

Cacao butter (see Cocoa butter).
Cadmium CP red dark shade, bbls., frt. alld. E. of Rockies lb. 5.45 · —
Light shade, bbls., same basis lb. 4.55 · —
Medium shade bbls. same basis, lb. 5.20 · —
Medium light shade bbls. same basis lb. 4.80 · —
Orange-red shade bbls., same basis lb. 4.20 · —
Yellow, all shades, bbls., frt. alld. E. of Rockies lb. 3.75 · —
Cadmium iodide, 25-lb fib dms lb 6.75 7.00
Cadmium metal ingots or sticks, cs., dlvd lb. 1.55 · —
Cadmium-mercury lithopone orange, deep shade bbls. frt. alld E. of Rockies lb. 1.61 · —
Cadmium mercury lithopone red, dark shade, bbls., same basis lb. 1.91 · —
light shade, bbls., same basis lb. 1.68 · —
Medium shade bbls. same basis, lb. 1.83 · —
Medium light shade, bbls., same basis lb. 1.76 · —
Maroon shade, bbls., same basis lb. 1.99 · —
Cadmium-selenide lithopone, maroon, bbls., frt. alld. E. of Rockies, lb. 2.72 · —
Cadmium-selenide lithopone, maroon, dark shade, bbls., same basis lb. 2.77 · —
Orange, bbls., same basis lb. 1.54 · —
Calmium-selenide, lithopone, red, orange-red shade, bbls., same basis lb. 1.62 · —
Red, light shade, bbls., same basis, lb. 1.84 · —
Red, medium-light shade, bbls., same basis lb. 1.96 · —
Red, medium shade, bbls., same basis lb. 2.19 · —
Red, dark shade, bbls., same basis, lb. 2.52 · —
Cadmium-selenide lithopone yellow, all shades, bbls., frt. alld. E. of Rockies lb 1.15 · —
Caffeine, NF, citrated, dms., 100-lb. lots or more lb. 2.70 · —
Caffeine, nat., USP, cryst., anhyd., 100-lb. lots or more lb. 2.50 · —
cryst. hydrous, dms 100-lb lots or more lb 2.33 · —
Syn., USP, cryst., anhyd., dms., 100-lb. lots or more lb. 2.50 · —
cryst. hydrous, dms. 100-lb lots or more lb 2.33 —
Cajuput oil, native, cns lb. 1.75 3.30
Redist., USP, cns lb. 1.90 2.10
Calamine, USP, dms lb. .34 —
Calamus oil, bots lb. 12.00 -20.00
Calciferol, cryst., 10-kilo or more lots, works gram. .54 —
1-10 kilo lots gram. .55 —

FLAME-PROOF with BROMINE

For plastics, textiles, fluids, protective coatings, paper and wood products . . .
Four new brominated flame-proofing compounds.


BrCH2CHBrCH2O
BrCH2CHBrCH2O
BrCH2CHBrCH2O
P=O
TRIS (2,3-DIBROMOPROPYL) PHOSPHATE
Bromine content: 68.7%
APPLICATIONS:
To flame-proof polystyrene foam and other foamed systems.
As a secondary plasticizer in vinyls to impart flame-retardancy.
To flame-proof cotton and rayon.
Outstanding flame-proofing properties may be produced in cutting oils.
As a flame-proofing additive in spray-coating lacquers for paper and wood products.
High dielectric constant suggests its use in the electrical field (transformers, switches, potting formulations).
OH
Br
PENTABROMOPHENOL
Bromine content: 81.8%.
APPLICATIONS:
To flame-proof wall board, piers, telephone poles and other structural wood forms.
To provide termite control in wood structures.
As the flame-proofing agent in phenolic resins.
Presents promise in anti-fouling paints for marine applications.
As a mildew preventative in resins.
TETRABROMOPHTHALIC ANHYDRIDE
Bromine content: 68.9%
APPLICATIONS:
As a flame-proofer in the manufactuer of polyamide resins for electrical insulation.
Can be reacted with polyhydric alcohols to impart flame-proof properties in polyester resins and in the manufacture of alkyd resins for protective coatings.
As a curing agent in the manufacture of epoxy resins.
In the manufacture of novel phthalein dyes.
HO
OH
CH3
TETRABROMOBISPHENOL-A
Bromine content: 58.8%
APPLICATIONS:
In the manufacture of flame-proof epoxy foams and coatings.
To reduce flammability in polyurethane and styrene foams.
May lead to flame-proof polyester resins by reaction with dibasic acids.
May give unusual polycarbonate resins.

BROMINATED COMPOUNDS are several times more efficient than their chlorine analogs for flame-proofing. This superiority is fundamental rather than one of degree, and it is why these compounds may increase the fire-resistance of your plastics, textiles, fluids, protective coatings, paper and wood products.

The flame-proofing advantages of these new Michigan Chemical compounds permit the use of smaller quantities than would be required with chlorine compounds. As a result, there will be less disturbance of the physical properties and appearance of the end product.

Michigan Chemical can now furnish testing quantities of these new compounds. Your letterhead request for samples or data will receive prompt attention.

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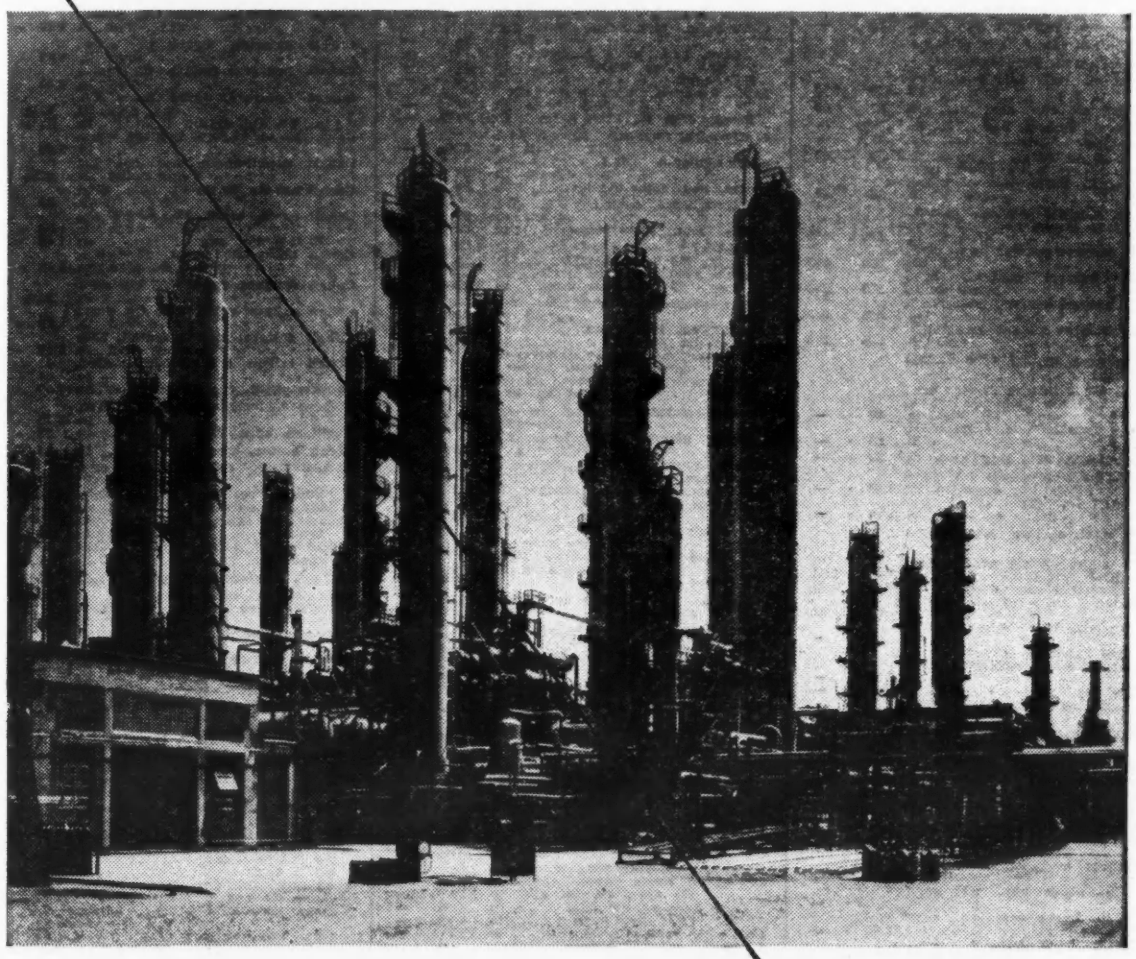
MICHIGAN CHEMICAL CORPORATION
599 North Bankson Street, Saint Louis, Michigan
EASTERN SALES OFFICE: 230 Park Avenue • New York 17, New York

C-58-6

Calciferol in edible oil (see ViosterolD.			
Calcium p-aminosalicylate trihydrate, fib. dms., 100 lbs. or more, frt. adjusted	lb.	4.00	—
Calcium arsenate, dealers, bgs., c.l., frt. alld	lb.	.09	.09½
bgs., l.c.l. same basis	lb.	.10	.10½
Calcium bromide NF, 100 lbs. or more	lb.	.97	—
Calcium carbide, standard generator size, 600-lb. dms. c.l., divd	ton.	149.00	—
Calcium carbonate, nat., dry-grd., air floated, 325 mesh, bgs., c.l., works	ton.	10.50	—
chalk, whiting 325 mesh, bgs., c.l., works	ton.	32.00	-34.00
water-grd., ½ to 10 microns, bgs., c.l., works	ton.	30.00	—
10 to 20 microns, bgs., c.l., works	ton.	17.00	-18.00
Calcium carbonate, precip., dense, bgs., c.l. works	ton.	32.50	—
bgs., l.c.l., works	ton.	42.50	—
medium, bgs., c.l., works	ton.	38.00	—
bgs., l.c.l. works	ton.	48.00	—
surface treated bgs., c.l., works,	ton.	37.50	—
bgs., l.c.l., works	ton.	47.50	—
ultrafine, bgs., c.l., works	ton.	110.00	-160.00
bgs., l.c.l., works	ton.	120.00	-175.00
Calcium chloride, flake, 77-80%, paper bgs., c.l., works, frt equald	ton	31.00	—
Conc., flake or pellet, 94-97%, paper bgs., c.l., works, frt. equald	ton.	37.80	—
powd., paper bgs., c.l., works,	ton.	37.00	—
Gran. purit., dms.	lb	.27	—
USP, dms.	lb.	.32	—
Liquor, 40%, tanks, frt. equald.	ton.	12.50	—
Calcium chloride, solid, 73-75%, dms., c.l., frt. equald	ton.	29.50	—
dms., l.c.l., works, frt. equald.	ton.	36.00	-73.00
Calcium chromate, bgs., frt equald.	lb.	.29½	.30
Calcium cyanide, dms., c.l., divd E. of Rockies	lb.	.20	—
dms., l.c.l. same basis	lb.	.24	.55
Calcium cyclamate, 100-lb dms	lb	2.95	—
Calcium gluconate, AA, dms.	lb.	.76	—
USP, dms.	lb.	.67	.69
Calcium hydride, lump, dms. works.	lb.	2.20	3.00
Calcium hypochlorite, high test, 45-lb cs. divd E of Rockies	cs.	22.95	-25.10
100-lb. dms., same basis	dm	30.80	-34.50
Calcium hypophosphite, dms., 1,000-lb lots	lb	1.28	—
Calcium iodide, jars	lb.	4.52	—
Calcium lactate, NF, dms., 10,000-lb. lots or more, works	lb.	.36	.40
smaller lots, works	lb.	.41	.48
Calcium mandelate, USP, dms., works	lb.	2.10	2.25
Calcium naphthenate, liq., 4% Ca., dms., frt. equald	lb.	.30	—
Calcium pantothenate, dms., frt. adjusted	kilo.	35.00	—
Calcium para aminosalicylate (see Calcium p-aminosalicylate).			
Calcium phenosulfonate, dms.	lb.	.99	1.00
Calcium phosphate dibasic, USP, bgs c.l. frt equald 100 lbs.		8.25	—
bgs., l.c.l., frt. equald 100 lbs.		9.00	—
Feed grade, 18½% P, bgs., c.l., t.l., frt equald	ton.	83.25	—
bgs., c.l., t.l., f.o.b. Texas City works	ton.	77.70	—
bgs., l.c.l., frt. equald	ton.	93.25	—
21% P., bgs., c.l., t.l., frt. equald	ton.	94.50	—
bgs., l.c.l., frt. equald	ton.	104.50	—
Prices of calcium phosphate dibasic in bulk $3 per ton less than bg., c.l. prices.			
Calcium phosphate, monobasic, bgs., 10,000-lb. lots, frt. equald. 100 lbs.		7.45	—
bgs., smaller lots, same basis, 100 lbs.		7.95	—
Calcium phosphate, tribasic, NF, precip., bgs., c.l., works, frt. equald 100 lbs.		9.25	—
bgs., l.c.l., frt. equald 100 lbs.		10.00	—
Calcium phytate, bgs. works	lb.	.50	—
Calcium resinate precip, dms. ton lots, frt. alld., works	lb.	.36¼	—
Calcium silicate, hydrated, bgs. c.l., works	lb.	.06	—
bgs., l.c.l., works	lb.	.06½	—
Calcium silicate, paint grade (see Wollastonite).			
Calcium stearate, ctns., c.l.	lb.	.39	—
ctns., l.c.l.	lb.	.40	.44
Calcium sulfate (see Gypsum)			
Calomel, NF X, powd., 100-lb. dms.	lb.	5.42	—
Camphene 46° m.p. dms incl., c.l., works	lb.	.15	—
dms. incl., l.c.l., same basis	lb.	.16½	—
tanks, same basis	lb.	.12½	—
Camphene, chlorinated, 67-69% (see Toxaphene)			
Camphor monobromated, NF, dms., kgs	lb.	3.68	3.70
Camphor, nat., USP, powd., cs., 100-lb. lots	lb.	.60	.65
tablets, 1-oz., ½-oz cs	lb.	.85	.90
USP, gran., powd., bbls., 2,000-lb. lots	lb.	.59	—
Syn., USP, gran., powd., bbls., 1,000-lb. lots	lb.	.60	—
bbls., smaller lots	lb.	.61	—
tablets, ctns., 1,000-lb. lots	lb.	.85	—
ctns. 500-lb lots	lb.	.86	—
ctns. smaller lots	lb.	.87	—
tech., 1 bbl. or more	lb.	.48	—
Camphor oil, sassafrassy, dms.	lb.	.26	.50
White, dms.	lb.	.29	.50
Cananga oil, native, cns.	lb.	7.25	- 8.00
Rectified cns	lb.	9.55	-12.65
Candelilla wax, crude, bgs.	lb.	.53	.54
Refd., bgs.	lb.	.60	.62
Powdered Candelilla wax, 20 to 100 mesh, 8c. higher.			
Cantharides, Chinese, cs.	lb.	2.00	2.05
powd., bxs	lb.	2.25	2.30
Russian, bgs.	lb.	2.75	—
powd., bxs.	lb.	3.00	3.25
Capric acid, CP, dms.	lb.	.27	.29
tanks	lb.	.25	—
Caprvl alcohol, 85% dms., c.l., and t.l., works	lb.	.19	—
dms. t.l.l., same basis	lb.	.19½	—
tanks, frt. equald	lb.	.16½	—
Sec., 92-99%, dms., c.l.	lb.	.22	—
dms., l.c.l.	lb.	.23	—
tanks	lb.	.19½	—
Caprylic acid dms.	lb.	.27	.29
tanks	lb.	.25	—
Capsicum (see Pepper red).			
Capsicum oil (see Capsicum oleoresin).			
Capsicum oleoresin, NF, from dom. pepper, dms	lb.	4.00	- 4.75
NF, from African pepper, dms.	lb.	4.50	- 5.25
Caraway, oil, dms	lb.	2.75	- 3.50
Caraway seed, Dutch, bgs.	lb.	.10	—
Polish, bgs.	lb.	.08¾	—
Carbazole, 97%, bbls., ton lots, works	lb.	1.08	—
Carbon black, channel, rubber beads, bulk, c.l., works	lb.	.07¼	—
bgs., c.l., works	lb.	.07¾	—
bgs., l.c.l., works	lb.	.14½	—
Furnace, fast extruding, bgs., c.l., works	lb.	.06¾	—
ctns., l.c.l., whse.	lb.	.12½	—
high abrasion bulk, c.l., works.	lb.	.07¼	—
bgs., c.l., works	lb.	.07¾	—
bgs., l.c.l., divd. or whse	lb.	.13½	—
high modulus, bgs., c.l., works.	lb.	.06¼	—
ctns., l.c.l., whse.	lb.	.12	—
semi-reinforcing, bgs. c.l. works.	lb.	.05¾	—
bgs., ctns., l.c.l. whse.	lb.	.11½	—
Carbon black, pigment, high color beads, ctns., c.l., works	lb.	.72	—
ctns., l.c.l., divd. or whse	lb.	.79	—
medium color, uncompressed, bgs., c.l., works	lb.	.13½	—
bgs., l.c.l., divd or whse	lb.	.21	—
Carbon dioxide (indust., wholesale, bulk divd Metropolitan area	ton.	73.00	-115.00
cyls., works	lb.	.08	.09
Solid, wholesale works	lb.	.035	.040
Carbon disulfide 55-gal. dms. c.l., works frt. equald. to competitive points	lb.	.07	—
55-gal. dms. c.l.l. same basis	lb.	.08¼	.09
5-gal. dms. 30 dms to c.l., same basis	lb.	.13	—
5-gal. dms., less than 30 dms., same basis	lb.	.18	—
tanks, divd.	lb.	.0545	—
Carbon tetrachloride CP, consumers, dms., c.l. frt. alld	lb	.12¾	—
dms., l.c.l., frt. alld.	lb.	.15¼	—
Carbon tetrachloride, tech., consumers, dms., c.l., t.l., frt alld	lb	11¾	—
dms. c.l., t.l., frt alld	lb.	14¼	—
tanks frt. alld	lb	10¾	11¼
Carboxymethyl cellulose (see CMC).			
Carbromal NF, dms. 100-lb lots, works	lb	4.00	4.25
dms. smaller lots works	lb	4.10	4.75
Cardamom oil, NF, bots	lb.	45.00	48.00
Cardamom seed, bleached, "A."	lb	2.95	—
Bleached, "B"	lb.	2.80	—
Decorticated Alleppy, cs.	lb.	2.80	—
Guatemala, cs.	lb.	2.75	—
Green, Alleppey, bgs.	lb.	2.15	—
Ceylon, bgs.	lb.	2.15	—
Carmine No 40 NF, bulk, 100-lb lots or more divd	lb.	16.80	—
bulk smaller lots divd	lb	16.90	17.30
Carnauba wax, chalky, bgs., ton lots	lb.	.68	.69
North country No 2 crude, bgs., ton lots	lb.	.77	- .78
refd., pure, ton lots	lb.	.92	- .94
North country No 3, Ceara, crude, bgs., ton lots	lb.	.71	- .72
Ceara refd., pure, bgs., ton lots	lb.	.82	- .84
Parnahyba, crude, bgs., ton lots	lb.	.73	- .75
Parnahyba, refd. pure, bgs., ton lots	lb.	.82	- .84
Yellow, No. 1, Ceara, bgs., ton lots	lb.	1.22	- 1.23
Parnahyba, bgs., ton lots	lb.	1.24	- 1.27
Powdered carnauba wax 20 to 100 mesh, 8c. higher.			
Carotene tech 1,350,000 A units per gram tins 5-10 kilo lots, divd	gram.	.24½	—
in carrot oil, 5,000,000 to 6,000,000 A units per lb., dms., works	million units.	.12	—
USP microcrystalline in oil, 400-000 A units per gram., dms. divd	million units.	.174	—
b-Carotene in vegetable oil, semi-solid suspension 400,000 A units per gram cns	kilo.	69.60	—
Liquid in vegetable oil, 500,000 A units per gram, cns	kilo.	87.00	—
Pure cryst. 1,600,000 to 1,670,000 A units per gram cns.	gram.	.29	—
Carvol, bots.		5.00	5.40
Cascara sagrada bark, bulk	lb.	.30	—
Casein dom edible acid precip., 30 mesh, bgs., 10,000-lb. lots or more works	lb.	.56	—
edible, acid, precip., 80 mesh, bgs. 10,000-lb lots or more, works	lb.	.64	—
Imp., edible, acid-precip, grd., Argentine, bgs., c.l., ex-dock, Eastern seaports	lb.	.18¾	—
New Zealand, bgs., c.l., same basis	lb.	.23½	.24
Cashewnut shell liquid, treated dms., c.l., Newark, N. J	lb.	.22	—
dms. ton lots, same basis	lb.	.23	—
dms., dm. lots, same basis	lb.	.23	—

for immediate delivery: pure n-BUTENE 1



We offer n-BUTENE 1 ($CH_2=CH-CH_2-CH_3$) 90% minimum purity and butadiene-free for immediate delivery in tank-car quantities.

Our substantial continuous production of olefinic petrochemicals also includes 95% pure n-BUTENE 2 ($CH_3-CH=CH-CH_3$).

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TRIISOBUTYLENE

Petro-Tex®

PETRO-TEX CHEMICAL CORPORATION
HOUSTON 1, TEXAS
JOINTLY OWNED BY
FOOD MACHINERY AND CHEMICAL CORPORATION AND TENNESSEE GAS TRANSMISSION COMPANY

Cassella acid, dms., frt. alld., 100% basis lb 1.44 - 1.75
Cassia, Padang, "A," bls. lb. .60 - —
"B" lb. .56 - —
"C" lb. .55 - —
Korintje "A" lb. .60 - —
"B" lb. .56 - —
"C" lb. .55 - —
Cassia oil (see Cinnamon leaf oil, USP).
Castor oil, dom., blown, dms., c.l. lb. .2650- —
dms., l.c.l. lb. .2750- —
dehydrated, bodied, dms., c.l. lb. .2750- —
dms., l.c.l. lb. .2910- —
tanks lb. .2800- —
unbodied, dms., c.l. lb. .2660- —
dms., l.c.l. lb. .2760- —
tanks lb. .2460- —
hydrogenated, bgs. ton lots lb. .3125- —
bgs., l.c.l., dlvd. lb. .33.50- —
No. 1, dms., c.l. lb. .2300- —
dms., l.c.l. lb. .2400- —
tanks lb. .20½- —
No. 3, tech., dms., c.l. lb. .22¼- —
dms., l.c.l. lb. .23¼- —
tanks lb. .20¼- —
Refd. and deodorized, dms., c.l. lb. .2750- —
dms., l.c.l. lb. .2850- —
USP, dms., c.l. lb. .2450- —
dms., l.c.l. lb. .2550- —
tanks lb. .2250- —
Imp., No. 1, Brazilian, tanks lb. .1600- —
Castor oil, sulfonated, 50% dms., works lb. .15 - .15¼
75%, dms., works lb. .19½- .20
Castor oil acids, dehydrated, dms. lb. .44¼- .46¼
split, dms lb. .37¼- 38¼
Castor pomace, bgs., c.l., works ton. 40.00 Nom.
Castoreum, nat., cns lb. 5.25 - —
Syn., cns. lb 9.00 - —
Catechol, CP, cryst., fib. dms., works lb 2.17½- —
Resub., dms., works lb. 4.29½- —
Catnip leaves, Southern, bls. lb. .75 - —
Caustic potash (see Potash, caustic).
Caustic soda (see Soda, caustic).
Cedarleaf oil, USP XIII, cns., dms. lb. 3.10 - 4.50
Cedarwood oil, cns., dms lb. .51 - .65
Celery seed, French, bgs lb. .28½- —
Indian, bgs. lb. .21½- —
Celery seed oil, bots lb. 13.00 -16.00
Cellulose acetate, flake, powd., bgs., ctns., 100-lb. lots or more, dlvd E lb. .35 - .45
Cellulose acetate-butyrate, powd., 17% butyryl content, bgs., dlvd. E lb. .545 - .555
27% butyryl content, bgs., dlvd. E lb. .595 - .605
38% butyryl content, bgs., dlvd. E lb. .545 - .555
38% butyryl content, half-second, bgs., dlvd. E lb. .545 - .555
50% butyryl content, bgs. dlvd. E lb. .585 - .595
Cellulose gum, methyl (see Methyl Cellulose).
Cellulose gum, pure, high vis., bgs., 23,000-lb. lots or more, works, frt. alld lb. .57 - —
bgs., smaller lots, same basis, lb. .59 - —
Cerium chloride, 48% dms. dlvd lb. .30 - —
Cerium hydrate 74% CeO, fib dms., 100-lb. lots or more lb. 1.40 - —
77%CeO$_2$, fib. dms. 100-lb. lots or more lb. 1.74 - —
Cerium oxalate (see Rare earth oxalate).
Cerium oxide, optical grade, bgs., 50-lb. lots or more, dlvd lb. 1.85 - 1.98
bgs., smaller lots, dlvd lb. 2.03 - 2.23
Cetyl alcohol, extra fib. cns., 500-lb. lots or more lb. .65 - .72
NF, fib cns., 140-lb. lots or more. lb. .48 - —
Chalk (see Calcium carbonate)
Chamomile flowers, Hungarian style, bls lb. 1.50 - —
Roman, cs. lb. 3.00 - —
Chamomile oil, blue, Hungarian, bots lb. 350.00 - —
Charcoal, activated, NF, fib. dms., c.l., works lb. .25 - .32
fib dms. 5-ton lots, works lb. .26½- .32½
fib. dms. smaller lots, works, lb. .27 - .50
Charcoal, black (see Charcoal, activated)
Charcoal bone (see Bone black)
Charcoal hardwood, lump, bulk, c.l., f.o.b. plant ton. 55.00 - —
briquets, bulk, c.l., f.o.b. plant, ton. 78.00 -80.00
5-lb. paper bgs., c.l., same basis ton. 196.00 - —
10-lb. paper bgs., c.l., same basis ton. 96.00 - —
25-lb. paper bgs., c.l., f.o.b. plant ton. 87.00 - —
40-lb. paper bgs. c.l., same basis ton. 84.00 - —
pinewood, gran., bgs., c.l., works, South ton. 69.00 - —
bgs. l.c.l. works South ton. 74.00 -79.00
lump, bgs., c.l., works, South, ton. 66.00 - —
bgs., l.c.l., works South ton. 70.00 -84.00
bulk, c.l., works, South ton. 50.00 - —
bulk, l.c.l., works South ton. 55.00 - —
Chenopodium oil, NF cns lb. 4.75 - 5.25
Chestnut extract, imp., solid, 60% tannin, bgs., ex dock lb. .0855 —
powd., 68% tannin, bgs., ex dock lb. .0969- —
Chicago acid paste, bbls., frt. alld. lb. 3.21 - —
Chinawood oil (see Tung oil).
Chloral tech, 94% min., dms., c.l., works lb. .23 - —
dms., l.c.l., works lb. .24 - —
tanks, multiple units, 5 cars, works lb. .21 - —
Chloral hydrate, USP, jars, 1,000-lb. lots lb 1.00 - —
jars, 500-lb. lots lb 1.03 - —
jars, 100-lb. lots or less lb 1.05 - —
Chlordan, agricultural, dms., c.l., frt. alld lb. .65 - —
dms. l.c.l. 5,000 to 10,000-lb. lots, frt alld lb .66 - —
Clarified, dms., c.l., frt. alld lb. .69 - —
dms., l.c.l., 5,000-10,000lb lots, frt. alld lb. .70 - —
Chlorinated paraffin, 40% dms., c.l. frt. alld lb. .16¼- —
dms. l.c.l. 10 dms or more, same basis lb. .17¼- —
70%, dms., c.l., same basis lb. .18½- —
dms., l.c.l. 10 dms or more, same basis lb. .19½- —
Chlorinated rubber, 5, 10, 20 cps., ctns., c.l., works lb. .60 - —
ctns., l.c.l., works lb. .61 - —
125, 1,000 cps., ctns., c.l., works. lb. .70 - —
ctns., l.c.l., works lb. .71 - —

Chlorine, liq., cyls., c.l., works, frt. equald lb. .11 - —
cyls., l.c.l. Metropolitan area lb. .12½- .13¾
tanks, single units, works, frt. equald 100 lbs. 3.15 - —
tanks, multiple units, 5 cars, works, frt. equald 100 lbs. 4.05 - —
tanks, multiple units, 4 cars, same basis 100 lbs. 4.25 - —
tanks, multiple units, 2 cars, same basis 100 lbs. 5.25 - 5.75
tanks, multiple units, 1 car, same basis 100 lbs. 6.25 - 7.25
Chloroacetic acid, mono, flake, 99%, dms. c.l lb. .23½ - .25½
dms., l.c.l. lb. .24½- —
tech. flake, 96-97% dms., c.l., frt. equald lb. .19 - —
dms., l.c.l., frt. equald lb. .20 - —
4-Chloro-2-aminotoluene, fused bbls. lb. 1.45 - —
m-Chloroaniline, dms., c.l., frt. alld. lb. .78 - —
dms., l.c.l., same basis lb. .80 - —
tanks, same basis lb. .76 - —
o-Chloroaniline, dms. c.l., frt. alld. lb. .52 - —
dms., l.c.l. same basis lb. .54 - —
tanks, same basis lb. .50 - —
p-Chloroaniline, dms. c.l. frt alld. lb. .77 - —
dms. l.c.l. same basis lb. .79 - —
o-Chlorobenzaldehyde, dms., t.l., works, dlvd. to N.Y. Metropolitan area lb 1.05 - —
dms. l.t.l. same basis lb 1.20 - —
p-Chlorobenzaldehyde, dms., t.c.l., works, dlvd. to N. Y. Metropolitan area lb. 1.95 - —
o-Chlorobenzoic acid, fib. dms., t.l., works lb 1.10 - —
fib. dms. smaller lots works lb 1.25 - —
p-Chlorobenzoic acid, fib dms., 2,000-lbs. or more, works. lb 2.25 - —
fib. dms. less than 2,000-lbs., same basis lb 2.30 - —
Chloroform, tech., dms., c.l., dlvd. E lb. .18 - —
dms., l.c.l., same basis lb. .19 - —
tanks, same basis lb. .17 - —
USP, dms. lb. .30 - —
2-Chloro-4-nitroaniline, paste, dlvd. E., 100% basis lb. .81 - —
Powd., dlvd. E., 100% basis lb. .86½- —
4-Chloro-2-nitroaniline, powd. dlvd. E lb. .80½- —
o-Chlorophenol, dms., c.l., frt. equald lb. .37 - —
dms., l.c.l., same basis lb. .38 - —
p-Chlorophenol, dms., c.l., frt. equald lb. .37 - —
dms., l.c.l., same basis lb. .38 - —
Chloropicrin, comt., bots lb 1.50 - —
cyls., 160 lbs., frt. alld lb. .95 - —
cyls., 100 lbs., same basis lb. .97 - —
cyls., 25 lbs., same basis lb. 1.22 - —
Chlorosulfonic acid, dms., c.l., frt. equald lb. .0465- —
dms., l.c.l., frt. equald lb. .0515- —
tanks, frt. equald lb .0415- —
Chlorosulfonic acid, in stainless steel dms. ½c per lb higher.
Choline bitartrate fib dms. frt. adjusted kilo. 2.75 - 3.00
Choline chloride fib dms., frt. adjusted kilo. 2.75 - 3.00
Choline dihydrogen citrate, fib. dms. frt adjusted kilo. 2.75 - 3.00
Chrome green, CP, dark, light medium blue content 1 to 15%, bbls., dlvd. E. of Rockies lb. .40 - .42
blue content 16-30%, bbls., same basis lb. .40 - .42
blue content 31-45%, bbls., same basis lb. .41 - .43
blue content 45-49%, bbls., same basis lb. .44 - .46
Reduced color, 25% lb. .19 - .20
Chrome green prices 1c. higher W. of Rockies.
Chrome orange, CP, bbls., dlvd. E. of Rockies lb. .35 - —
Chrome orange prices 1c. higher W. of Rockies.
Chrome yellow, CP, bbls., dlvd. E. of Rockies lb. .35 - —
Chrome yellow price 1c. higher W. of Rockies.
Chromic acid, 99¾% dms. c.l., works, frt. equald lb. .29½- —
dms., l.c.l., dlvd New York Metropolitan area lb. .30 - .31
Chromic acid, NF (see Chromium trioxide)
Chromium acetate, soln., 7½%, bbls., works lb. .09½- —
cbys., works lb. .11¼- —
Chromium fluoride bbls. works lb. .51 - .52
Chromium oxide, hydrated, bbls., fib. dms., c.l. frt. alld lb. 1.20 - —
Pure, bgs., c.l., frt. alld lb. .44½- —
bgs., l.c.l. same basis lb. .45¼- —
Chromium trioxide NF bots lb. 1.15 - —
Cinchona bark, NF, red, broken, bgs. lb .35 - .40
NF yellow broken bgs lb .35 - .40
Cinnamic acid, refd. bots lb 2.50 - 3.50
Cinnamic alcohol, bots lb. 1.90 - 2.20
Cinnamic aldehyde, dms lb. .95 - 1.25
Cinnamon, Ceylon, No. 2, bgs lb. .83 - .87
Ceylon, "0000," bgs. lb. 1.01 - —
Cinnamon bud oil, bots. lb. 36.00 -70.00
Cinnamon leaf oil, crude, dms lb. 1.35 - 2.00
USP (Cassia), cns., dms lb. 8.50 -13.50
Citral, CP, bots., cns. lb. 3.85 - —
Extra, bots., cns. lb. 5.60 - —
Citric acid USP anhyd., fine gran., bgs. dms. c.l lb. .29½- .30
bgs. dms. 10,000-lb. lots, 1 shipt lb. .30 - .30½
bgs. dms. smaller lots lb. .30½- .31
hydrous, fine gran., ogs., dms., c.l lb. .27½- .28
bgs., dms. 10,000-lb. lots, 1 shipt lb. .28 - .28½
bgs. dms. smaller lots lb. .29 - .29½
Powdered citric acid ½c higher
Citronella oil, Ceylon, dms. lb. .58 - .70
Java-type, dms. lb. .57 - .60
Citronellal, bots., dms. lb. 1.90 - 2.10
Citronellol, bots., dms lb. 2.90 - 3.40
Civet, artif., bots lb. 13.75 15.00
Nat., bots oz. 8.50 -15.00
Clay, ball., dom., airfloated, bgs., c.l., Tenn ton. 17.50 -21.50
crushed, shed moisture, bulk, c.l., Tenn ton. 8.00 -11.00
Imp., airfloated, bgs., c.l., Atl. port net-ton. 42.00 -45.75
lump, bulk, Atl. port net-ton. 29.50 -35.75
Clay, China, dom., dry-grd., airfloated, 99% 325 mesh, Georgia, bgs., c.l., works. ton. 10.00 -12.00
Georgia, bgs., l.c.l., works, ton. 15.50 - —
300 mesh, bgs., c.l., Georgia, works ton. 13.50 -14.50
bgs., l.c.l., ex-whse ton. 35.00 -36.00
Imp., white, lump, bulk, c.l., ex dock, Philadelphia, Portland, Me long-ton. 20.00 - 35.00

Clay, China, imp., white, powd., bgs., c.l. ex dock net-ton. 50.00 - —
bgs., l.c.l., ex whse net-ton. 60.00 -70.00
Cleve's acid, mixed, bbls lb. 1.05 - —
Cloves, Madagascar, bgs lb. .43½- —
Zanzibar, bgs. lb. .47 - —
Clove, bud oil, USP, dms. lb. 2.60 - 3.25
Clove leaf oil, crude, dms. lb. 1.10 - 1.25
CMC, crude, 96.4% low or medium vis., bgs. or fib dms., 23,000 lbs. dlvd E., 100% basis lb. .41½- —
bgs. or fib. dms., less than 23,000 lbs., dlvd E., 100% basis lb. .43½- —
65%, low or medium vis., bgs., or fib. dms., c.l., dlvd., E., 100% basis lb. .41½- —
bgs., or fib. dms., l.c.l., dlvd. E., 100% basis lb. .43½- —
CMC, purif., high vis (see Cellulose gum).
CMC, standard, low or medium vis., bgs., 23,000 lbs. works, frt alld lb. .57 - —
bgs., smaller lots, same basis. lb. .59 - —
CMC prices W. of the Rockies are 2c. per lb lower and are on a works basis.
Coaltar crude, resale for soins., tanks, works gal. .16 - —
Refd., resale indust., dms., c.l., ex whse. gal. .35 - —
dms., l.c.l., ex whse gal. .39 - —
tanks, works gal. .20½- —
Coaltar pitch, aluminum, bulk, works ton. 44.00 - —
Carbon and indust., bulk, works ton. 44.00 - —
Core, bulk, works ton. .40.50 - —
Fiber, bulk, works ton. 48.00 - —
Roofing, 140-155°F., Federal Specification RP-381, Type I, tanks, works ton. 41.00 - —
Cobalt acetate 23.7% Co dms. dlvd. lb. 1.10 - —
Cobalt blue, genuine, 250 lb. bbls., dlvd. E. of Rockies lb. 4.90 - —
Cobalt blue prices 1c. higher W. of Rockies.
Cobalt blue, imitation (see Ultramarine blue).
Cobalt carbonate, 48% Co, powd., bgs., dlvd lb. 1.57 - —
Cobalt chloride, 24.2% Co, dms., dlvd lb. 1.05 - —
Cobalt hydrate, 60-61% Co, dms., dlvd lb. 2.20 - —
Cobalt linoleate, fused 8½% Co, dms lb. .71½- —
Liq., 6% Co, dms lb. .57½- —
Cobalt metal, 97-99%, kgs., ex whse. lb. 2.00 - —
Cobalt naphthenate liq. 6% Co, dms., dlvd lb. .48¾- —
Cobalt nitrate, 20.1% Co bbls. dlvd. lb. .85 - —
Cobalt oxide, black, 72½-73½% Co, kgs lb. 1.52 - —
70-71% Co, kgs lb. 1.48 - —
Cobalt phosphate powd., 32.1% Co, kgs., dlvd lb. 1.43 - —
Cobalt resinate, fused 3% Co. dms. lb. .29½- —
Cobalt sulfate, cryst., 21% Co, dms., dlvd lb. .69 - —
Cobalt sulfate, monohydrated, 33% Co, dms., dlvd lb. 1.17 - —
Cobalt tallate, 6% Co. dms., dlvd. lb. .44 - —
Cocaine, USP, cns., 100-oz lots oz. 17.80 - —
Cocaine hydrochloride, cns., 100-oz. lots oz. 13.75 - —
Cocillana bark, bls. lb. .22 - —
Cocoa butter, bgs. lb. .99 - 1.05
Coconut oil, crude, tanks, New York lb. .15½- —
tanks, Pac. coast lb. .14½- —
Refd., deodorized, dms., l.c.l. lb. .24 - —
Coconut oil acids, dist., dms lb. 22½- .25
tanks lb. .20 - —
double dist. (stripped), dms. lb. 23½- .26
tanks lb. .21 - —
Cod oil, Newfoundland, dms. lb. .09¾- .10
Codeine, NF cns. 100-oz lots oz. 13.25 - —
Codeine hydrochloride, cns., 100-oz. lots oz. 11.75 - —
Codeine phosphate, USP, cns., 100-oz. lots oz. 10.25 - —
Codeine sulfate, USP, cns., 100-oz. lots oz. 10.75 - —
Codliver oil, USP, dms. gal. 1.45 - 1.50
Cohosh root, black, bls. lb. .20 - .22
Blue, bls lb. .20 - .22
Colchicine, USP, bots. oz. 27.50 -31.00
Colchicum root, bls lb. .35 - —
Colchicum seed, bgs lb. .55 - —
Collodion, USP, dms. lb. .32½- —
Flexible, dms. lb. .34 - —
Colocynth pulp, bls lb. .72 - —
Colombo root, bls lb. .15 - .16
Condurango bark, bls lb. .26 - —
Congo copal gum, No. 1, bgs lb. .25 - .26
No. 2, bgs lb. .22 - .24
No. 3, bgs. lb. .15¾- .17
Copaiba balsam, cns., dms lb. .40 - .80
Copaiba oil, cns. lb. 1.75 - 2.50
Copper acetate, bbls., c.l., works, lb. .53 - —
bbls., l.c.l., works lb. .54 - —
Copper carbonate, 55%, bgs., c.l., works lb. .3190- —
bgs., l.c.l., works lb. .3340- —
Copper chloride, cupric, anhyd., dms., works lb. .42 - .42½
Cryst., dihydrate, dms., works, lb. .28¼- .28¾
Cryst., dried, dms., works lb. .36½- .37
Copper chloride, cuprous, dms., works lb. .3680- .3980
Copper cyanide, tech. dms. 20,000-lb. lots or more lb. .609 - —
dms., 1,000-lb. lots or more lb. .619 - —
dms., smaller lots lb. .639 - .659
Copper gluconate, dms. lb. 3.20 - —
Copper hydrate, dms., c.l., frt. alld. E. of Miss lb. .47¼- —
dms., l.c.l., same basis lb. .47¾- —
Copper metal, electrolytic dlvd. Valley basis lb. .26½- —
Copper naphthenate, liq., 8% Cu, dms., frt. alld lb. .26½- —
Copper nitrate, tech., cryst., dms., works lb. .29 - .31
Copper oleate, solid, 9% Cu, dms., works lb. .45 - —
Copper oxide, black, bbls., 100-5,000-lb. lots, works lb. .42¼- —
Copper oxide, red, 97% USN Type I, bbls., 100-5,000-lb. lots, lb. .40½- —
90% USN Type II, bbls., 100-5,000-lb. lots or more, works, lb. .38½- —
Copper oxychloride, dms., c.l., works lb. .52 - —
dms., l.c.l., works lb. .53½- .63½
Copper quinolinolate, 18% Cu, dms., ton lots lb. 4.25 - —
10% active quinolinolate, dms. lb. 1.14 - 1.15
Copper resinate, precip., dms., frt. alld lb. .36½- —
Copper sulfate, CP, gran., dms., works lb. .1005- —
Cryst., 99%, bgs., c.l., works, 100 lbs. 11.05 - —
bgs., l.c.l., same basis 100 lbs. 11.55 -14.05

Copper sulfate, monohydrated, 35%, dms., c.l., works 100 lbs. 21.20 - —
dms., l.c.l., works 100 lbs. 21.95 - —
Copper sulfate, tribasic, distributors, bgs., c.l., same basis 100 lbs. 25.15 - —
bgs., l.c.l., same basis 100 lbs. 26.15 -29.15
Copper, undecylenate dms lb 2.75 - —
Copra, Atl., Gulf ports, c.i.f. ton. 192.50 - —
Pac. ports, c.i.f. ton. 187.50 - —
Coriander oil, USP, bots. lb. 8.50 - 9.75
Coriander seed, Moroccan, bgs lb. .09 - —
Rumanian, bgs. lb. .07 - —
Yugoslavian bgs lb 08½- —
Corn oil, crude, tanks, works lb. .13¾- —
Foots (soapstock) acid 95%, tanks, New York lb. .05½- —
Refd., salad, dms. lb. .1935- .1965
tanks lb. .1735- —
Corn oil acids, dist., dms lb. .17¼- .20
tanks lb. .14¾- —
Corn starch (see Starch, corn)
Corn sugar, tanners, chipped paper bgs. c.l., 60,000 lbs. min 100 lbs. 7.33 - —
paper bgs., l.c.l. 100 lbs. 7.58 - —
Corn syrup 42° Be non-ret. dms. c.l. 100 lbs 7.31 - —
non-ret. dms. l.c.l. 100 lbs 7.46 - —
Corrosive sublimate (see Mercuric chloride).
Cortisone acetate USP bulk gram 3.50 3.55
Costus oil, bots oz 6.00 - —
Cottonseed meal, 41%, bgs., Memphis ton. 65.00 -65.50
Cottonseed oil, crude, tanks, South, East lb. .12¼ Nom.
tanks, Valley lb. .12¼ Nom.
tanks, Texas Lubbock lb. .11⅝- —
tanks, Texas, Waco lb. .11¾- —
Foots (soapstock) acid 95%, tanks, New York lb. .03¾- —
Refd., salad, dms. lb. .17¾- .18
tanks lb. .15¾- —
Cottonseed oil acids, dist., dms lb. .16¾- .19¼
tanks lb. .14¼- —
Cottonseed pitch, raw, dms. works. lb. .03 - 03¼
tanks, same basis lb. .02¾- —
Coumarin, NF, cryst., dms lb. 3.60 - 3.70
Cramp bark, NF, bls lb 85 - .90
Cream of tartar (see Potassium bitartrate).
Creosote carbonate, NF, bots. chys., lb. 3.05 - 3.26
Creosote, coaltar, crude tanks, works, frt. adjusted gal. .20 - —
crude, soln 80% tanks, works. gal. .192 - —
refd., dms., c.l., works gal. .42 - .44
dms. l.c.l. same basis gal. .53 - .55
tanks same basis gal. .33 - .35
Creosote oil (see Creosote coaltar).
Creosote, wood, beechwood, cbys., dms lb. 1.60 - 1.65
Hardwood, NF, bots., chys lb. 1.30 - —
Pinewood, dms., incl., c.l., works. lb. .0561- —
dms. incl. l.c.l., works lb. .0634- —
dms. incl., l.c.l., ex whse, New York lb. .0745- —
tanks, works lb. .0460- —
Cresol, tech., 50% below 204°C., dry above 207°C., wide distillation range, non-ret. dms., c.l., frt. alld lb. .16½- —
non-ret dms., l.c.l. same basis lb. .17½- —
tanks same basis lb. .145 - —
USP, non-ret. dms., c.l., same basis lb. .18 - —
non-ret dms., l.c.l., same basis lb. .19 - —
tanks, same basis lb. .16 - —
m-Cresol, 95-98% dms., c.l., works. lb. .60 - —
dms., l.c.l., works lb. .61 - —
m-p-Cresol, 5-95% 3°C., dms., c.l., frt. equald lb. .18 - —
dms., l.c.l., same basis lb. .19 - —
tanks, same basis lb. .16 - —
m-p-Cresol, 2.97% 2°C., dms., c.l., frt. equald lb. .22 - —
dms., l.c.l. same basis lb. .23 - —
tanks, same basis lb. .20 - —
o-Cresol 30.5°C. m.p. and over, ret. dms., c.l., frt. equald lb. .17 - —
ret. dms., l.c.l., same basis lb. .18 - —
tanks, same basis lb. .15 - —
30°-30.49°C., m.p., dms., c.l., frt. equald lb. .16½- —
ret. dms., l.c.l., same basis lb. .17½- —
tanks, same basis lb. .14½- —
29°-29.9°C., m.p., dms., c.l., frt. equald lb. .16 - —
ret. dms., l.c.l., same basis lb. .17 - —
tanks, same basis lb. .14 - —
25-28.9°C., m.p., dms., c.l., frt. equald lb. .15 - —
ret. dms., l.c.l., same basis lb. .16 - —
tanks, same basis lb. .13 - —
p-Cresol, 98% dms. c.l. dlvd lb. .52 - —
dms., l.c.l. dlvd lb. .53 - —
tanks, dlvd lb. .49 - —
2,3-Cresotic acid, dms., ton lots, works lb. .70 - —
dms., smaller lots, works lb. .72 - —
p-Cresyl methyl ether, cns lb. 1.80 - 2.05
Cresylic acid, coaltar dom., meta-para content above 25%, resins and tricresyl phosphate grades, dms., c.l., t.l., frt. equald gal. 1.35 - —
dms., l.c.l., same basis gal. 1.40 - —
tanks, same basis gal. 1.15 - —
Cresylic acid, coaltar, dom., meta-para content 25% or less, dms., c.l., t.l., same basis gal. 1.20 - —
dms., l.c.l. same basis gal. 1.25 - —
tanks, frt. equald gal. 1.00 - —
Cresylic acid, coaltar, imported, meta-para content, 25% or less, f.o.b., works, frt. equald to competitive points, 50 dms. or more gal. 1.03½- —
less than 50 dms., same basis, gal. 1.05 - 1.15
tanks, same basis gal. 1.00 - —
Crotonaldehyde, 91-93%, dms., t.c.l., works lb. .24¼- .25
Crotonic acid, fib. dms., 200 lbs. or more, works lb. .51 - —
Cryolite, nat., indust., bgs., c.l., works 100 lbs. 13.00 - —
bgs., l.c.l., works 100 lbs. 14.25 - —
Cube root, powd., 5% rotenone, bgs., c.l., t.l., works lb. .27 - —
Cubeb berries, XX, NF, bgs lb. .90 - —
Powd., cs lb .95 - —
Cubeb oil, cns. lb. 12.00 -15.00
Cumene, dms., c.l., works lb. .12 - —
dms., l.c.l., works lb. .14 - —
tanks, works lb. .11 - —
Cumin oil, bots., cns lb. 7.50 -12.50
Cumin seed, Iranian, bgs lb. .24 - —
Moroccan, bgs. lb. No prices.
Turkish, bgs lb. No prices.
Cutch extract, 55% tannin, bgs., ex dock lb. .07½- —
Cyanamide, fertilizer mixing grade, 21% N, gran., bgs., Niagara Falls, Ont., contract ton. 57.00 - —
pulv., 21% N, bgs., works, unit-ton 2.85 - —
indust., grade, bgs., c.l., works. ton. 75.00 - —
bgs., l.c.l., works ton 96.00 - —

Cassella Acid—Cyanoacetic Acid

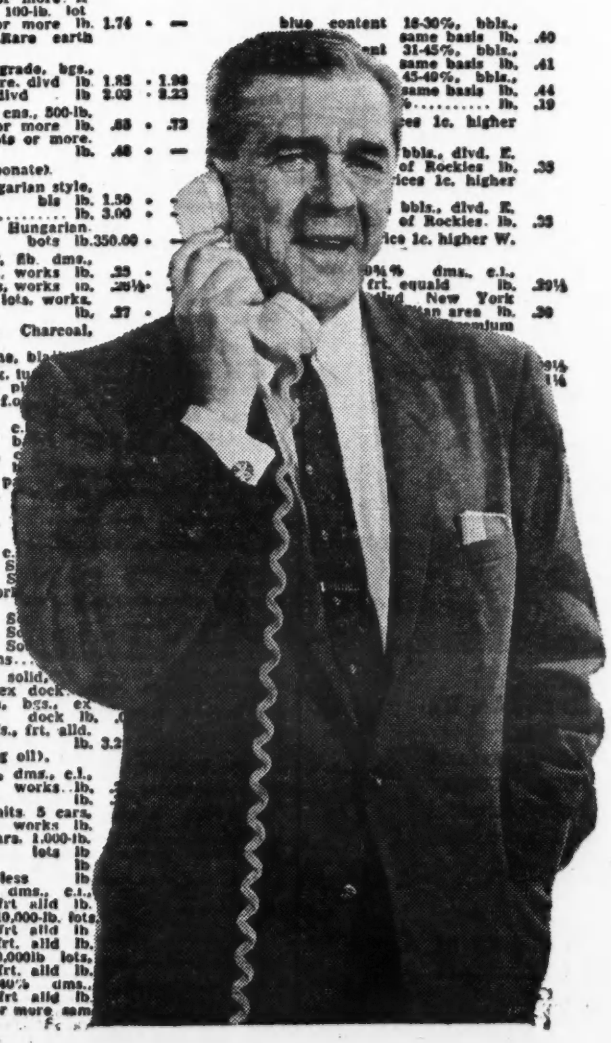
(Prices from O P D R 7-7-58)

Cassella acid, dms., frt. alld., 100% basis lb. 1.44 • 1.
Cassia, Padang, "A," bls. lb. .63 • —
"B" lb. .64 Nom.
"C" lb. .62 Nom.
Korintje "A" lb. .65 Nom.
"B" lb. .64 Nom.
"C" lb. .62 Nom.
Cassia oil (see Cinnamon leaf oil, USP).
Castor oil, dom., blown, dms., c.l. lb. .2650- —
dms., l.c.l. lb. .2750- —
dehydrated, bodied, dms., c.l. lb. .2750- —
dms., l.c.l. lb. .2910- —
tanks lb. .2600- —
unbodied, dms., c.l. lb. .2660- —
dms., l.c.l. lb. .2760- —
tanks lb. .2460- —
hydrogenated, bgs., ton lots lb. .3125- —
bgs., l.c.l., dlvd. lb. .33.50- —
No. 1, dms., c.l. lb. .2300- —
dms., l.c.l. lb. .2400- —
tanks lb. .20½- —
No. 3, tech., dms., c.l. lb. .22¼- —
dms., l.c.l. lb. .23¼- —
tanks lb. .20¼- —
Refd. and deodorized, dms., c.l. lb. .2750- —
dms., l.c.l. lb. .2350- —
USP, dms., c.l. lb. .2450- —
dms., l.c.l. lb. .2550- —
tanks lb. .2250- —
Imp., No. 1, Brazilian, tanks lb. .1600- —
Castor oil sulfonated, 50% dms., works lb. .15 • .15¼
75% dms., works lb. .19½- .20
Castor oil acids, dehydrated, dms. lb. .44¼- .46¼
split, dms lb. .37¼- 38¼
Castor pomace, bgs., c.l., works ton. 40.00 Nom.
Castoreum, nat., cns. lb. 5.25 • —
Syn., cns lb 9.00 • —
Catechol, CP, cryst., fib. dms., works lb 2.17½- —
Resub., dms., works lb. 4.29½- —
Catnip leaves, Southern, bls. lb. .75 • —
Caustic potash (see Potash caustic).
Caustic soda (see Soda caustic).
Cedarleaf oil USP, XIII, cns., dms. lb. 3.10 • 4.50
Cedarwood oil, cns., dms. lb. .51 • .65
Celery seed, French, bgs. lb. .28½- —
Indian, bgs. lb.
Celery seed oil, bots. lb.1
Cellulose acetate, flake, powd., bgs., cns., 100-lb lots or more, dlvd E lb.
Cellulose acetate-butyrate, powd., 17% butyryl content, bgs., dlvd. E lb
37% butyryl content, bgs. dlvd E lb
38% butyryl content, bgs. dlvd. E lb
38% butyryl content, half-second bgs., dlvd. E lb
50% butyryl content, bgs. dlvd E lb
Cellulose gum, methyl (see Methy Cellulose).
Cellulose gum, pure, high vis., bgs. 23,000-lb lots or more works, frt. alld lb
bgs., smaller lots, same basis lb
Cerium chloride, 48% dms., dlvd lb
Cerium hydrate 74% CeO, fib dms. 100-lb. lots or more lb
77%CeO, fib. dms., 100-lb. lot or more lb. 1.74 • —
Cerium oxalate (see Rare earth oxalate).
Cerium oxide, optical grade, bgs., 50-lb. lots or more, dlvd lb 1.85 • 1.98
bgs., smaller lots, dlvd lb 2.03 • 2.23
Cetyl alcohol, extra fib cns., 500-lb. lots or more lb. .68 • .72
NF, fib cns., 140-lb. lots or more. lb. .68 • —
Chalk (see Calcium carbonate).
Chamomile flowers, Hungarian style, bls lb. 1.50 •
Roman, cs. lb. 3.00 •
Chamomile oil, blue Hungarian, bots lb. 350.00 •
Charcoal, activated, NF, fib. dms., c.l., works lb. .25 •
fib dms, 5-ton lots, works lb. .28½-
fib. dms, smaller lots, works. lb. .27 •
Charcoal, black (see Charcoal, activated)
Charcoal, bone (see Bone, bla
Charcoal hardwood, bulk, tu
f.o.b pl
briquets, bulk, c.l., f.o
5-lb. paper bgs., c.
b
10-lb. paper bgs.,
bulk, lump, 25-lb. p
c.l., f.o.b.
40-lb. paper bgs.,
pinewood, gran., bgs., c.
bgs., l.c.l., works,
lump, bgs., c.l., wor
bgs., l.c.l., works,
bulk, c.l., works,
bulk, l.c.l., works
Chenopodium oil, NF, cns.
Chestnut extract, imp., solid, tannin, bgs., ex dock
powd., 68% tannin, bgs., ex dock lb.
Chicago acid paste, bbls., frt. alld. lb. 3.2
Chinawood oil (see Tung oil).
Chloral tech, 94% min., dms., c.l., works lb.
dms., l.c.l., works lb.
tanks, multiple units 5 cars, works lb.
Chloral hydrate, USP, jars, 1,000-lb. lots lb
jars, 500-lb. lots lb
jars, 100 lb lots or less lb
Chlordan, agricultural, dms., c.l., frt alld lb.
dms, l.c.l. 5,000 to 10,000-lb. lots, frt alld lb
Clarified, dms., c.l., frt. alld lb.
dms., l.c.l., 5,000-10,000lb lots, frt. alld lb.
Chlorinated paraffin, 40% dms., c.l. frt alld lb.
dms, l.c.l. 10 dms or more sam

Chlorine, liq., cyls., c.l., works, frt. equald lb. .11 • —
cyls., l.c.l., Metropolitan area lb. .12½- .13¾
tanks, single units, works, frt. equald 100 lbs. 3.15 • —
tanks, multiple units, 5 cars, works, frt equald 100 lbs. 4.05 • —
tanks, multiple units, 4 cars, same basis, 100 lbs. 4.25 • —
tanks, multiple units, 2 cars, same basis 100 lbs. 5.25
tanks, multiple units, 1 car
6.25 • 7.25
Chloroacetic acid, mono, flake, 99%, dms., c.l lb. .23½- .25½
dms., l.c.l. lb. .24½- —
tech., flake, 96-97%, dms., c.l., frt. equald lb. .19 • —
dms., l.c.l., frt. equald lb. .20 • —
4-Chloro-2-aminotoluene, fused bbls. lb. 1.45 • —
m-Chloroaniline, dms., min 10,000 lbs. or over, frt. alld lb. .84 • —
dms., less than 10,000 lbs. same basis lb. .89 • —
tanks, same basis lb. .82 • —
o-Chloroaniline, dms., c.l., frt. alld. lb. .52 • —
dms., l.c.l., same basis lb. .54 • —
tanks, same basis lb. .50 • —
p-Chloroaniline, dms. c.l., frt. alld. lb. .77 • —
dms., l.c.l. same basis lb. .79 • —
o-Chlorobenzaldehyde, dms., t.l., works, dlvd. to N.Y. Metropolitan area lb. 1.05 • —
dms, l.t.l. same basis lb 1.20 • —
p-Chlorobenzaldehyde, dms., l.c.l., works, dlvd. to N. Y. Metropolitan area lb. 1.05 • —
o-Chlorobenzoic acid, fib. dms., t.l., works lb 1.10 • —
fib dms, smaller lots works lb 1.25 • —
p-Chlorobenzoic acid, fib dms., 2,000-lbs. or more, works. lb. 2.25 • —
fib. dms. less than 2,000-lbs., same basis lb 2.30 • —
Chloroform, tech., dms., c.l., dlvd. E lb. .18 • —
dms., l.c.l., same basis lb. .19 • —
tanks, same basis lb. .17 • —
USP, dms. lb. .30 • —
2-Chloro-4-nitroaniline, paste, dlvd. E., 100% basis lb. .81 • —

Cleve's acid, mixed, bbls. lb. 1.05 • —
Cloves, Madagascar, bgs. lb. .43½- —
Zanzibar, bgs. lb. .46 • —
Clove, bud oil, USP, dms. lb. 2.70 • 3.28
Clove leaf oil, crude, dms. lb. .85 • .90
CMC, crude, 96.4%, low or medium vis., bgs. or fib. dms., 23,000 lbs., dlvd. E., 100% basis lb. .41½- —
bgs. or fib. dms., less than 23,000 lbs., dlvd E., 100% basis lb. .43½- —
CMC, crude, 65%, low or medium vis., bgs., or fib. dms., c.l., dlvd. E., 100% basis lb. .41½- —
bgs., or fib. dms., l.c.l., dlvd, E., 100% basis lb. .43½- —
CMC, purif., high vis (see Cellulose gum).
CMC, standard, low or medium vis., bgs., 23,000 lbs. works, frt. alld lb. .57 • —
bgs., smaller lots, same basis, lb .59 • —
CMC prices W of the Rockies are 3c per lb lower and are on a works basis
Coaltar crude, resale for soins., tanks, works gal. .16 • —
Refd., resale indust., dms., c.l., ex whse. gal. .33 • —
dms., l.c.l., ex whse. gal. .33 • —
tanks, works gal. .20½- —
Coaltar pitch, aluminum, bulk, works ton. 44.00 • —
Carbon and indust., bulk, works ton. 44.00 • —
Core, bulk, works ton. 40.50 • —
Fiber, bulk, works ton. 48.00 • —
Roofing, 140-155°F., Federal Specification RP-381, Type I, tanks, works ton. 41.00 • —
Cobalt acetate 23.7% Co dms. dlvd. lb 1.10 • —
Cobalt blue, genuine, 250 lb. bbls., dlvd. E. of Rockies lb. 4.90 • —
Cobalt blue prices 1c. higher W. of Rockies.
Cobalt blue imitation (see Ultramarine blue).
Cobalt carbonate, 48% Co, powd., bgs., dlvd lb. 1.57 • —
Cobalt chloride, 24.2% Co, dms., dlvd lb 1.05 • —
Cobalt hydrate, 60-61% Co, dms., dlvd lb 2.20 • —
Cobalt linoleate, fused 8½% Co, dms lb. .71½- —
Liq., 6% Co, dms lb. .57½- —

Copper sulfate, monohydrated, 35%, dms., c.l., works. 100 lbs. 21.20 • —
dms., l.c.l., works. 100 lbs. 21.95 • —
Copper sulfate, tribasic, distributors, bgs., c.l., same basis 100 lbs. 25.15 • —
bgs., l.c.l., same basis 100 lbs. 26.15 • 29.15
Copper, undecylenate dms lb. 2.75 • —
Copra, Atl., Gulf ports, c.i.f. ton. 185.00 • —
Pac. ports, c.i.f. ton. 180.00 • —
Coriander oil, USP, Dutch, bots. lb. 9.25 • —
USP, Russian, bots. lb. 11.50 • 12.50
Coriander seed, Moroccan, bgs lb. .09 • —
Rumanian, bgs. lb. .07 • —
Yugoslavian bgs lb 08½- —
Corn oil, crude, tanks, works lb. .13¼- —
Foots (soapstock) acid 95%, tanks, New York lb. .05¼- —
Refd., salad, dms. lb. .1873- .1900
tanks lb. .1673- —
Corn oil acids, dist. dms lb. .17¼ .20
tanks lb. .14¾- —
Corn starch (see Starch, corn).
Corn sugar, tanners, chipped paper bgs., c.l. 60,000 lbs min 100 lbs. 7.33 • —
paper bgs., l.c.l. 100 lbs. 7.58 • —
Corn syrup 42° Be non-ret. dms. c.l. 100 lbs 7.31 —
non-ret. dms. l.c.l 100 lbs 7.46 —
Corrosive sublimate (see Mercuric chloride).
Cortisone acetate USP bulk gram 3.50 3.58
Costus oil bots oz 6.00 —
Cottonseed meal, 41%, bgs., Memphis ton. 62.00 63.00
Cottonseed oil, crude, tanks, South, East lb. .11¾ —
tanks, Valley lb. .11¾- —
tanks, Texas, Lubbock lb. .11½- —
tanks, Texas, Waco lb. .11¼- —
Foots (soapstock) acid 95%, tanks, New York lb. .03¾ —
Refd., salad, dms. lb. .17¾- .17⅞
tanks lb. .15¾- —
Cottonseed oil acids dist. dms lb. .16¾ .19¼
tanks lb. .14¼- —
Cottonseed pitch raw, dms, works lb. .03 03¼
tanks same basis lb. .02¾- —
Coumarin, NF cryst, dms lb. 3.60 3.70
Cramp bark NF bls lb .85 .90
Cream of tartar (see Potassium hitartrate).
Creosote carbonate NF bots, chys., lb. 3.05 3.30
Creosote, coaltar crude tanks, works, frt. adjusted gal. .20 • —
crude soln 80% tanks, works, gal. .192 • —
refd., dms., c.l. works gal. .42 • .44
dms, l.c.l. same basis gal. .53 • .55
tanks same basis gal. .33 • .35



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Ammonia • Bicarbonate of Soda • Carbon Dioxide • Caustic Soda • Chlorine
Hydrazine and Derivatives • Hypochlorite Products • Methanol • Muriatic Acid
Nitrate of Soda • Nitric Acid • Soda Ash • Sodium Chlorite Products
Sodium Methylate • Sulfate of Alumina • Sulfur (Processed) • Sulfuric Acid

Cyanamide—Dicyclohexyl Phthalate

Cyanamide, indust. grade, 6-16 mesh, dms., c.l., works ton 120.00 - —
dms., l.c.l., works ton 140.00 - —
Cyanoacetic acid, tech., bbls lb. .90 - 1.25
Cyclohexane 99% tech dms., c.l., dlvd. E. of Rockies gal. 1.02 - —
dms., l.c.l., same basis gal. 1.10 - —
dms., c.l., dlvd. W. of Rockies, gal. .77 - —
dms., l.c.l., same basis gal. .85 - —
tanks, works gal. .55 - —
Cyclohexanol tech., dms., c.l., works, frt. alld., E lb. .26½- —
dms., l.c.l., works same basis lb. .27½- —
tanks, works, same basis lb. .24 - —
Cyclohexanone, tech., dms., c.l., works lb. 32½- —
dms., l.c.l., works lb. .35 - —
tanks, works lb. .29 - —
Cyclohexylamine, dms., c.l., works. lb. .49 - —
dms., l.c.l., works lb. .50 - —
tanks, works lb. 47 - —
Cyclopropane CP, 2-lb. cyls., works. cyl. 48 00 - —
6-oz cyls., works cyl. 12 00 - —
Cyclopropane USP, hospitals, cyls., 40-gal. lots gal. .42 - —
cyls., 100-gal. lots gal. .41 - —
cyls., 200-gal. lots gal. .40 - —
Cypress oil, bots lb 5.30 - —

D

2,4-D, tech., bgs., dms., c.l., works, frt. equald lb. .40 - —
bgs., dms. l.c.l. same basis lb. .45 - .49
2,4-D butyl ester, dms., c.l., works lb. .43 - —
dms., l.c.l. same basis lb. .48 - .52
tanks, same basis lb. .42 - —
2,4-D isopropyl ester, dms., c.l., works lb. .43 - —
dms., l.c.l. works lb. .48 - .52
tanks, works lb. .42 - —
Dammar gum, Batavia, A/E cs lb No stocks.
dust, bgs lb. No stocks.
E, bgs lb. No stocks.
East India, Batu, bold, bgs lb. .13¾ .15
nubs and chips, bgs. lb. .08½- .09½
black, bold, bgs. lb. .14½- .16½
unscraped bgs lb. .13 .14½
nubs and chips bgs lb. .12¼- 13½
pale, chips, bgs lb. .14½- .16
nubs bgs lb 17¾ 20
Siam, cs. lb. .32 - .35
Singapore, No. 1, bgs. lb. .38 - .43
No. 2, bgs lb. .31¼ .34
No. 3, bgs. lb No stocks
dust, bgs. lb .17 19
seeds, bgs lb No stocks
Dandelion root, bls lb. .28 - —
DDD, tech. flake grd. ttb. dms., c.l., works lb. .45 - .47
fib. dms., l.c.l., works lb. .46 - .48
DDT, flake or lump, bgs., c.l., dlvd lb. .22 - —
bgs., smaller lots, same basis. lb. .24 - —
fib. dms., c.l., same basis lb. .23 - —
fib. dms., smaller lots, same basis lb. .25 - —
Powdered DDT 1c. per pound higher.
1-Decanol, tech., dms., c.l., dlvd lb. .41 - —
dms., l.c.l., dlvd. lb .43 - —
tanks, dlvd. lb 38½- —
Decyl alcohol, mixed isomers, dms., c.l., dlvd lb. .23½- —
dms., l.c.l., dlvd lb .24½- —
tanks, dlvd lb 21 - —
Perfume grade, bots lb 1.75 2.00
Decyl alcohol, normal (see 1-Decanol).
Deertongue leaves bls lb. .45 - —
Defluorinated phosphate, feed grade, 13% P paper bags, c.l., t.l., works ton 51.00 - —
17% P, paper bgs., c.l., works. ton 60.00 - —
paper bgs., t.l., works ton 60.75 - —
18% P, paper bgs., c.l. t.l. works ton 69.12 - —
19% P, paper bgs., works, Houston, Tex., c.l., t.l. ton 69.50 - —
Prices of defluorinated phosphate in bulk $3 per ton less than bg. c.l. prices
Degras, common, bbls lb. .10 - .12
Neutral, bbls. lb. .21 - .23
Denatured alcohol, ethyl, CD-12, CD-13, CD-14, CD-17, dms., c.l., dlvd. E of Rockies gal. 64½- .66
dms., l.c.l., same basis gal. 69½ .77
tanks, dlvd., same basis gal. 48½ .50
Tankcar sales require written authorization by Alcohol and Tobacco Tax Division.

The lighter side of paint . . . of paint manufacturing, that is . . . is no joke. It's sometimes tougher than our painter's job of trying to match milady's big blue eyes.

In trade sales color systems that need unvarying white bases, and for other products (such as industrial tints) that need lightness of color plus hiding and durability, TITANOX* white pigments will lighten the burden of your pigmentation problems. And our Technical Service Department can help you with such problems. Titanium Pigment Corporation, 111 Broadway, New York 6, N. Y.; offices and warehouses in principal cities.

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TITANIUM PIGMENT CORPORATION

Subsidiary of NATIONAL LEAD COMPANY

*TITANOX is a registered trademark for the full line of titanium pigments offered by Titanium Pigment Corporation.

Denatured alcohol, ethyl, proprietary solvent, dms., c.l., dlvd E. of Rockies gal. .66 - —
dms., l.c.l., same basis gal. .71 - .77
tanks, same basis gal. .50 - —
Tankcar sales require written authorization by Alcohol and Tobacco Tax Division.
Denatured alcohol, ethyl, SD1, dms., dlvd. E. of Rockies gal. .65½- —
dms., l.c.l., same basis gal. .70½- .76½
tanks, same basis gal. .49½- —
SD2B, dms., c.l., dlvd. E. of Rockies gal. .64 - —
dms., l.c.l., same basis gal. .69 - .75
tanks, same basis gal. .48 - —
SD3A, dms., c.l., dlvd. E. of Rockies gal. .63 - —
dms., l.c.l. same basis gal. .68 - .74
tanks same basis gal. .47 - —
SD23A dms. l.c.l. dlvd. E. of Rockies gal. .655 —
dms., l.c.l. same basis gal. .705 .765
tanks same basis gal. .495 —
SD23H, dms., c.l., dlvd. E. of Rockies gal. .66 —
dms. l.c.l. same basis gal. 71 .77
tanks, same basis gal. .50 —
SD29, dms., c.l., dlvd. E. of Rockies gal. .645 —
dms., l.c.l., same basis gal. .695 .795
tanks, same basis gal. .485 —
SD30, dms. c.l. dlvd. E. of Rockies gal. .63 —
dms., l.c.l., same basis gal. .68 .74
tanks, same basis gal. .47 —
SD35A, dms. c.l dlvd E of Rockies gal. .66 —
dms., l.c.l., same basis gal. 71 .77
tanks same basis gal. .50 —
SD40, dms. c.l. dlvd. E. of Rockies gal. .64 —
dms. l.c.l., same basis gal. .69 .75
tanks, same basis gal. 48 —
For anhyd alcohol on above formulas prices are 7c. per gal. higher.
West coast dlvd prices are the same as eastern prices, except in Idaho, Montana, Oregon, and Washington where a 5c differential on tank cars is maintained
d-Desoxyephedrine hydrochloride dms lb. 15.00 -17.00
dl-Desoxyephedrine hydrochloride dms lb. 6.50 - —
Dextrin, corn gum paper bgs., c.l. 100 lbs. 9.40 - —
paper bgs., l.c.l. 100 lbs. 9.55 - —
Dextrin, corn, canary dark, paper bgs., c.l 100 lbs. 9.24 - —
paper bgs., l.c.l. 100 lbs. 9.39 - —
canary light, paper bgs., c.l. 100 lbs. 9.14 - —
paper bgs. 100 lbs. 9.29 - —
white, paper bgs., c.l. 100 lbs. 8.98 - —
paper bgs., l.c.l. 100 lbs. 9.13 - —
Corn dextrin in cotton bgs 1½c. per 100 lbs higher
Dextrin, potato, imp. bgs. lb. .10½- .11
Dextrose, anhyd., dms. lb. .20¾- —
USP, dms. lb. .19¾- —
Diacetyl, flavor grade, bots lb. 4.30 4.55
Di-sec-amyl phenol, dms., c.l., works lb. .32 - —
dms., l.c.l., works lb. .33 - —
tanks works lb. .29½- —
Di-tert-amyl phenol, dms., c.l., works lb. .32 - —
dms. l.c.l., works lb. .33 - —
tanks, works lb. .29½- —
Diacetone alcohol, acetone-free, dms., c.l., dlvd lb. .15½- —
dms., l.c.l., dlvd lb. .16½- —
tanks dlvd lb. .13 - —
Tech., dms., c.l., dlvd lb. .15 - —
dms., l.c.l., dlvd lb. .16 - —
tanks dlvd lb. .12½- —
Diallylamine, dms., c.l., dlvd lb. .985 - —
dms., l.c.l., dlvd lb. .995 - —
tanks, dlvd lb. .96 - —
o-Dianisidine dry, tech., fib. dms. lb. 2.00 - —
Dibenzyl sebacate, dms. c.l., works. lb. .93 - —
dms., l.c.l., same basis lb. .94 - —
tanks, same basis lb. .91 - —
p-Dibromobenzene, bgs., 500-lb. lots. lb. .55 - —
Dibutyl fumarate, dms., c.l., t.l., frt. alld lb. .33 - —
dms., l.c.l. t.t.l. frt. alld lb. .34 - —
tanks, frt. alld lb. .30½- —
Dibutyl maleate, dms., c.l., t.l., frt. alld lb. .33 - —
dms., l.c.l. t.t.l., dms., frt. alld lb. .34 - —
tanks, frt. alld lb. .30½- —
Dibutyl phthalate dms., c.l., dlvd E. lb. .32½- —
dms., l.c.l., same basis lb. .33½- —
tanks, same basis lb. .30 - —
Dibutyl sebacate, dms., c.l., works. lb. .67½- —
dms., l.c.l., works lb. .68½- —
tanks, works lb. .65½- —
Dibutyl tartrate dms., works, frt. alld lb. .65½- —
Dibutylamine, dms., c.l., dlvd lb. .55½- —
dms., l.c.l., same basis lb. .56½- —
tanks, same basis lb. .53 - —
2,6-Di-tert-butyl-p-cresol, food grade, dms., t.l., c.l., dlvd lb. 1.20 - —
dms., t.t.l., dlvd. lb. 1.24 - —
Feed grade, to vitamin premix distributors, dms. c.l., t.l., dlvd lb. 1.05 - —
dms., l.c.l. same basis lb. 1.07 - —
2,6-Di-tert-butyl-p-cresol, tech., dms., c.l., dlvd lb. .91 - —
dms., l.c.l., dlvd lb. .95 - —
tanks dlvd. lb. .86 - —
Dicapryl phthalate, dms., c.l., dlvd. lb. .31 - .32
dms., l.c.l., dlvd. lb. .32 .33
tanks, dlvd lb. .27½- —
Dicapryl sebacate, dms., c.l., works. lb. .63 - —
dms., l.c.l., works lb. .63½- .64
tanks, works lb. .61 - —
Dichlorophenoxyacetic acid (see 2,4-D).
2,5-Dichloroaniline, dms., works lb. .83 - —
o-Dichlorobenzene, dms., c.l., frt. alld. E. lb. .12¾- —
dms., l.c.l., same basis lb. .13¾- —
tanks, same basis lb. .11 - —
p-Dichlorobenzene, dms., c.l., f.o.b., works, frt. alld. E. lb. .12 - —
dms., 2,000 lbs. or more, same basis lb. .14½- —
1,4-Dichlorobutane, dms., c.l., or t.l., works lb. .33½- —
dms., l.c.l., or t.t.l., works lb. .34 - —
tanks, works lb. .32 - —
Dichlorodiphenyltrichlorothane (see DDT).
2,2-Dichloroethyl ether, dms., c.l., t.l., dlvd E. lb. .15½- —
dms., l.c.l., t.t.l., same basis lb. .16½- —
tanks, same basis lb. .13 - —
Dichloropentanes, dist., dms., c.l., works lb. .05 - —
dms., l.c.l., works lb. .06 - —
tanks, works lb. .03 - —
Dicyclohexylamine, dms., c.l., works. lb. .54 - —
dms., l.c.l., works lb. .55 - —
tanks, works lb. .52 - —
Dicyclohexyl phthalate, fib. dms., c.l., works, frt. alld. lb. .59½- —
fib. dms., l.c.l., same basis lb. .60 - —

Didecyl phthalate, dms., c.l., works, lb. .34 - —
dms., l.c.l., same basis lb. .35 - —
tanks, same basis lb. .31½- —
Dieldrin, dms., frt. alld lb. 1.80 - —
dms., l.c.l., frt. alld lb. 1.95 - —
Diethanolamine, dms. c.l., dlvd. E, lb. .27 - —
dms., l.c.l., same basis lb. .28 - —
tanks, same basis lb. .24½- —
Diethanolamine lauryl sulfate, dms., c.l., frt. alld. lb. .26 - —
dms., l.c.l., frt. alld lb. .27 - —
tanks, frt. alld. lb. .25 - —
Diethyl barbituric acid (see Barbital).
Diethylbenzene, dms., t.l., frt. alld, lb. .16½- —
dms., l.t.l., same basis lb. .18½- —
Diethyl carbonate, dms., c.l., frt. alld lb. .47 - —
dms., l.c.l., same basis lb. .48 - —
tanks, same basis lb. .45 - —
Diethyl ethanolamines, dms., c.l., dlvd lb. .69½- —
dms., l.c.l. dlvd lb. .70½- —
tanks, dlvd. lb. .67 - —
Diethyl oxalate dms. c.l. frt. alld, lb. .42 - —
dms., l.c.l. same basis lb. .43 - .45
tanks, same basis lb. .40 - —
Diethyl phthalate dms. c.l., dlvd, lb. .31½- —
dms., l.c.l., dlvd. lb. .32½- —
tanks, dlvd lb. .29 - —
Diethyl sulfate, dms., c.l., works lb. .19½- —
dms., l.c.l. works lb. .20¼- —
tanks, works lb. .17½- —
Diethyl toluamide, 90-95% meta isomer, dms., c.l., t.l., works, lb. 2.30 - —
5-44 dm. lots, works lb. 2.35 - —
1-4 dm. lots, works lb. 2.40 - —
Diethylamine dms., c.l., dlvd E lb. .52 - —
dms., l.c.l. same basis lb. .53 - —
tanks, same basis lb. .49½- —
N,N-Diethylaniline dms., c.l., frt. alld lb. .57 - —
dms. l.c.l. same basis lb. .58 - —
tanks, same basis lb. .55 - —
Di-2-ethylhexyl adipate (see Dioctyl adipate)
Di-2-ethylhexyl phthalate (see Dioctyl phthalate)
Diethylene glycol dms., c.l. dlvd, E lb. .17¾- —
dms. l.c.l. same basis lb. .18¾- —
tanks, same basis lb. .15¼- —
Diethylene glycol diethyl ether, dms., c.l., works lb. .51½- —
dms. l.c.l., works lb. .52¼- —
Diethylene glycol monobutyl ether, c.l., dms., works lb. .30¾- —
dms., l.c.l., works lb. .31¾- —
tanks, dlvd. E. lb. .28¼- —
Diethylene glycol monobutyl ether acetate dms. c.l., works, lb. .30¾- —
dms., l.c.l., works lb. .31½- —
tanks, dlvd. E. lb. .28¾- —
Diethylene glycol monoethyl ether, dms. c.l. dlvd lb. .22½- —
dms. l.c.l. dlvd lb. .23½- —
tanks, dlvd. E. lb. .20 - —
Diethylene glycol monoethyl ether acetate dms. c.l., works, lb. .27¼- —
dms., l.c.l. works lb. .28 - —
tanks, dlvd E lb. .25¼- —
Diethylene glycol monomethyl ether, dms., c.l., dlvd lb. .21 - —
dms., l.c.l., dlvd. lb. .22 - —
tanks, dlvd. E. lb. .18½- —
Diethylenetriamine dms., c.l., dlvd, E lb. .44 - —
dms., l.c.l. dlvd E lb. .45 - —
tanks, dlvd E lb. .41½- —
Diethylstilbestrol USP bots., 10-kilo lots kilo 100.00 -147.50
bots., 1-kilo lot kilo. 110.00 -152.50
Digitalis leaves, USP dom. dms lb. 1.20 - —
Digitoxin, USP bots gram 4.35 - 4.75
Diglycol laurate dms lb. .32¾- .34
Diglycol stearate, dms. ton lots lb. .26 - .28
Diglycolic acid, bgs. works lb. .14 - —
Dihexyl sebacate dms. c.l., works, lb. .66 - —
dms., l.c.l., works lb. .67 - —
tanks, works lb. .64 - —
Dihydrazine sulfate, dms., works lb. 1.10 - 1.25
Dihydrostreptomycin hydrochloride, bulk gram, .0850- .0875
Dihydrostreptomycin sulfate, bulk, gram, .0850- .0875
1,2-Dihydroxy anthraquinone, dms., works lb. 2.75 - —
2,2-Dihydroxy-5-5-dichloro-diphenyl-methane, pure, dms. lb. 2.55 - —
tech., dms lb. 1.09 - —
Di-isobutyl ketone dms., c.l., dlvd, lb. .17 - —
dms., l.c.l. dlvd lb. .18 - —
tanks, dlvd lb. .14½- —
Di-isobutyl phthalate, dms., c.l., dlvd. E lb. .31½- —
dms., l.c.l., same basis lb. .32½- —
tanks, same basis lb. .29 - —
Di-isobutylene, dms. c.l., dlvd. E, lb. .10 - —
dms., l.c.l., dlvd. E lb. .11½- —
tanks, dlvd. E lb. .08 - —
Di-iso-octyl phthalate, dms., c.l., dlvd lb. .30½- —
dms., l.c.l., same basis lb. .31½- —
tanks, same basis lb. .28 - —
Di-iso-octyl sebacate, dms., c.l., works lb. .62 - —
dms., l.c.l., works lb. .62½- .63
tanks, works lb. .60 - —
Di-isopropanolamine dms., c.l., dlvd, lb. .23¼- —
dms., l.c.l., same basis lb. .24¼- —
tanks, same basis lb. .20¾- —
Di-isopropylamine dms., c.l., dlvd, E. of Rockies lb. .50½- —
dms., l.c.l., same basis lb. .51½- —
tanks, same basis lb. .48 - —
Dillseed, Indian, dewhiskered, bgs, lb. .12 - —
Dillseed oil, bots. lb. 2.80 - 5.00
Dillweed oil, dom., bots., dms. lb. 3.10 - 4.10
Dimethyl anthranilate cns lb. 4.85 - 5.10
Dimethyl ethanolamines, anhyd., dms., c.l., dlvd lb. 1.225 - —
dms., l.c.l., dlvd lb. 1.235 - —
tanks, dlvd lb. 1.20 - —
70% dms. c.l., dlvd., 100% basis, contained amines lb. .68½- —
dms., l.c.l., dlvd., 100% basis lb. .69½- —
tanks, dlvd. 100% basis lb. .66 - —
Dimethyl hydroquinone, dms. lb. 1.90 - 2.20
Dimethyl phthalate, dms., c.l., works lb. .32 - —
dms., l.c.l. works lb. .33 - —
tanks, works lb. .29½- —
Dimethyl sebacate, dms., c.l., works, lb. 1.31 - —
dms., l.c.l., dlvd lb. 1.30 - —
tanks, works lb. 1.28 - —
Dimethyl sulfate, 55-gal. ret. dms., c.l., works lb. .15 - —
55-gal. ret. dms., l.c.l., works lb. .16 - —
10-gal. ret. dms., l.c.l., works lb. .16½- —
Dimethyl sulfide dms., c.l., works, lb. .16½- —
dms., l.c.l., works lb. .17 - —
tanks, works lb. .15 - —

Dimethylamine, 25% soln., dms., c.l., frt. equald, 100% basis lb. .41 - —
dms., l.c.l., frt. equald, 100% basis lb. .41½- —
tanks, frt. equald, 100% basis lb. .31 - —
40% soln., dms., c.l., frt. equald, 100% basis lb. .38 - —
dms., l.c.l., frt. equald, 100% basis lb. .38½- —
tanks, frt. equald, 100% basis, lb. .31 - —
N,N-Dimethylaniline, dms., c.l., frt. alld lb. .30 - —
dms., l.c.l., frt. alld. lb. .31 - —
tanks, frt. alld. lb. .28 - —
N,N-Dimethylformamide, dms., works lb. .34 - .39
tanks, works lb. .32 - —
2,4-Dinitroaniline, dms., frt. alld lb. .80 - —
Dinitroaniline orange toner, CP, bbls., dlvd. E. of Rockies lb. 1.56 - —
Dinitroaniline orange toner prices 1c. higher W. of Rockies.
m-Dinitrobenzene 85°C. dms lb. .22 - —
89° C., dms lb. .24 - —
2,4-Dinitrochlorobenzene, crystallizing at 46½°C., dms., c.l., frt. alld E lb. .15¼- —
dms., t.c.l. frt alld E lb. .15¾- —
tanks, frt. alld E lb. .15 - —
48°C., dms., c.l., frt. alld E lb. .20¼- —
dms., t.c.l. frt alld E lb. .20¾- —
tanks, frt alld. E lb. .20 - —
2,4-Dinitrophenol, bbls lb. .37 - —
2,4-Dinitrotoluene, oily, dms. lb. .11 - —
Refd., 63°C, dms lb. .23 - —
Dioctyl adipate, dms., c.l., works, lb. .42½- —
dms., l.c.l., works lb .43½- —
tanks, works lb. .40 - —

Dioctyl phthalate, dms., c.l., frt. alld lb. .30¼- —
dms., l.c.l. frt. alld lb. .31½- —
tanks, frt alld lb. .28 - —
Dioctyl sebacate, dms., c.l., works, lb. .61¼- —
dms., l.c.l., works lb. .62¼- —
tanks, works, dlvd lb. .59¼- —
1,4-Dioxane, dms., c.l., works lb. .30 - —
dms., l.c.l., works lb. .30¾- —
tanks, works lb. .28 - —
Dipentaerythritol, bgs., l.c.l., dlvd. E lb. .33 - —
Dipentene, dest.-dist., dms., c.l., works gal. .59 - —
dms., l.c.l., works gal. .63 - —
dms., l.c.l., ex whse gal. .79 - —
tankcars, works gal. .42 - —
Steam dist., dms., c.l., works, South. gal. .72 - —
dms., l.c.l., dlvd. New York gal. .91 - —
tanks, works, South gal. .55 - —
Dip oil (see Tar acid oil)
Diphenyl, bgs. c.l., t.l., works lb. .17¼- —
bgs., l.c.l., works lb. .19 - —
tanks, works lb. .16 - —
Diphenyl oxide perfume grade, cns, lb. .63 - .85
Diphenyl phthalate dms., c.l., works, lb. .51¾- —
dms. l.c.l. works lb. .53¾- —
Diphenylamine, refd., flake, bgs., c.l., works, frt. equald lb. .33 - —
bgs., l.c.l., same basis lb. .35 - —

Diphenylamine, refd., fused tanks, same basis lb. .30 - —
Refd. diphenylamine in dms. ½c. per lb. higher.
Diphenylguanidine bgs. dms., ton lots, frt. alld lb. .49 - —
bgs., smaller lots, frt. alld lb. .50 - —
Diphenylhydantoin-sodium USP dms lb 5.00 5.60
Dipropylene glycol dms., c.l., frt. alld lb. .17¾ —
dms., t.c.l. frt alld lb. 18¾ —
tanks, frt alld lb. 15¼- —
Dipropylene glycol methyl ether, dms. c.l. dlvd E lb .20 - —
dms. t.c.l. same basis lb. .21 - —
tanks, same basis lb. 18½- —
Dithiodibenzoic acid dms. 1,000-lb. lots works lb 1.45 —
Di-o-tolylguanidine dms. ton lots, frt. alld lb. .69 - —
dms., smaller lots, frt. alld lb. .70 - —
Divi-divi, 45% tannin bgs. bls. c.l. US ports ex dock ton 76.00 Nom.
Divinylbenzene 20-25% dms., c.l., works frt equald lb .20 - —
dms. t.c.l. same basis lb .21 - —
tanks, same basis lb .19 - —
50-60%, dms., c.l., works, 100% basis lb. 1.00 - —
dms. t.c.l. works 100% basis lb 1.05 - —
Dodecylbenzene, dms. c.l., f.o.b., works, frt. equald lb. .14 - —
dms. t.c.l. same basis lb. .15 - —
tanks, same basis lb. .117 - —

for the

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isopropyl acetate
isobutyl acetate
n-butyl acetate
2-ethylisohexyl acetate
isobutyl alcohol
2-ethylhexyl alcohol
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film formers
cellulose acetate
cellulose acetate butyrate

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dimethyl phthalate
diethyl phthalate
di-(methoxyethyl) phthalate
dibutyl phthalate
di-isobutyl phthalate
plasticizer 84
—an octyl butyl phthalate
dioctyl phthalate (DOP)
di-isooctyl phthalate (DIOP)
polymeric plasticizer NP-10

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Eastman CHEMICAL PRODUCTS, INC., KINGSPORT, TENNESSEE, subsidiary of Eastman Kodak Company

SALES OFFICES: Eastman Chemical Products, Inc., Kingsport, Tennessee; New York City; Framingham, Mass.; Cincinnati; Cleveland; Chicago; St. Louis; Houston. **West Coast: Wilson Meyer Co.,** San Francisco; Los Angeles; Portland; Salt Lake City; Seattle.

Dyes, coaltar, certified colors for food, drugs and cosmetics, 500-lb. and 1-lb. lots, dlvd:

Blue, FD&C No. 1	lb	15.65	-17.60
No. 2	lb	15.65	17.60
Green FD&C No. 1	lb	15.65	-17.60
No. 2	lb	19.60	-22.85
No. 3	lb.	31.30	-35.90
Red, FD&C No. 1, cns	lb	5.90	7.85
No. 2	lb	3.30	4.10
No. 3	lb	19.60	-22.85
No. 4	lb	5.55	7.50
Violet, FD&C, No. 1, cns	lb	15.65	-17.60
Yellow FD&C No 1 cns	lb	9.15	-11.05
No. 5	lb	3.30	4.10
No 6	lb	3.30	4.10

Dyes, coaltar, certified colors for drugs and cosmetics, 200 lb. and 1 lb. lots, dlvd:—

Black, D&C, No. 1	lb.	10.50	-10.95
Brown D&C No 1	lb.	15.65	-16.10
Green D&C, No 5	lb.	15.65	-16.10
No. 6	lb.	15.65	-16.10
No. 7	lb.	14.35	-14.80
Orange, D&C, No. 3	lb.	10.50	-10.95
No. 4	lb	19.60	-20.05
No. 5	lb.	3.80	- 4.25
Red, D&C, No. 17	lb.	10.50	-10.95
No. 18	lb.	23.60	-24.00
No. 19	lb	15.00	-15.45
No. 21	lb.	3.90	- 4.35
No. 22	lb.	10.50	-10.95
No. 26	lb.	24.15	-24.65
No. 33	lb.	17.00	-17.45

Dyes, coaltar, certified colors for drugs and cosmetics, 200 lb. and 1 lb. lots, dlvd:—

Violet, D&C, No. 2	lb	15.65	-16.10
Yellow, D&C, No. 7	lb.	10.50	-10.95
No. 8	lb	10.50	-10.95
No. 10	lb.	13.05	-13.50
No. 11	lb.	13.05	-13.50

Dyes, coaltar, certified colors for drugs and cosmetics, external use, 500-lb. and 1-lb. lots dlvd:—

Blue, Ext. D&C, No. 1, cns	lb.	15.65	-16.10
Green, Ext. D&C, No. 1 cns	lb.	15.65	-16.10
Red, Ext., D&C, No 1 cns	lb.	13.05	-13.50
Yellow, Ext. D&C No 1, cns	lb.	10.50	-10.95

Dyes, coaltar for general use in cloth dyeing (numbers are those of the Colour Index scale or prototype) contract, dlvd. No.

30	Chrysoidine Y dustless	lb.	.89	- —
37	Fast light orange 3G	lb	1.29	- —
31	Phloxine 2G	lb	1.05	- —
36	Yellow 2G	lb.	1.18	- —
40	Orange R extra, conc	lb.	1.52	- —
87	Fuchsine 6B	lb.	1.55	- —
79	Scarlet 2R	lb.	1.16	- —
151	Orange AD	lb.	.79	- —
161	Orange	lb.	.94	- —
176	Fast red A	lb	1.39	- —
179	Rubine XX, conc	lb	1.47	- —
180	Blue F4B	lb	1.31	- —
185	Brilliant scarlet 3RN, conc.	lb.	1.20	- —

Dyes, coaltar for general use in cloth dyeing (numbers are those of the Colour Index scale or prototype), contract, dlvd. No.

202	Chrome blue black R, conc.	lb.	1.07	- —
203	Chrome black T	lb.	.93	- —
208	Fast blue SR	lb.	1.30	- —
234	Brown Y	lb.	1.27	- —
246	Blue black, extra, conc.	lb.	1.37	- —
275	Milling red 3R, conc	lb	1.91	- —
289	Navy blue 3R, conc	lb.	1.70	- —
299	Black F conc	lb.	2.19	- —
304	Neutral black 2B conc	lb	2.61	- —
326	Fast scarlet 4BNC	lb.	2.13	- —
332	Bismark brown RX, conc., dustless	lb.	1.37	- —
365	Brilliant yellow conc	lb	3.11	- —
382	Scarlet B	lb	2.60	- —
401	Diazo black BHD	lb	.93	- —
406	Blue 2B, extra conc	lb	1.53	- —
419	Red FC	lb	1.45	- —
420	Brown M	lb	1.40	- —
449	Red 4BX conc	lb.	1.69	- —
518	Diamine sky blue FF, extra, conc	lb.	1.93	- —
561	Brown B	lb	2.89	- —
581	Black EB, 200%	lb.	1.33	- —
593	Green BY conc	lb	1.02	- —
596	Yellow brown K extra	lb	1.26	- —
620	Yellow 2G	lb	1.31	- —
639	Fast Yellow GG	lb	2.32	- —
640	Yellow XX	lb	2.30	- —
655	yellow OX	lb.	2.45	- —
657	Malachite green V crystals	lb	2.73	- —
662	Brilliant green G	lb	3.62	- —
667	Milling green 6B conc	lb	4.78	- —
671	Blue EG	lb	1.85	- —
681	Crystal violet powder	lb	2.15	- —
698	Violet 6BN powder	lb	2.25	- —
720	Brilliant blue BBG	lb	2.44	- —
729	Blue B, extra conc	lb.	3.61	- —

Dyes, coaltar for general use in cloth dyeing (numbers are those of the Colour Index scale or prototype), contract dlvd. No.

749	Red BX	lb	4.76	- —
800	Chinoline yellow ZSS	lb	2.67	- —
814	Yellow NN, conc	lb.	3.67	- —
841	Safranine GF extra, conc	lb	4.11	- —
860	Induline base ZM	lb	1.07	- —
865	Nigrosine J	lb	4.76	- —
922	Blue GXX	lb	2.22	- —
978	Black GXCF conc	lb.	.38	- —
1034	Alizarin red SC	lb.	3.31	- —
1078	Alizarin syanine green base Z	lb.	6.13	- —
1085	Alizarin blue black B	lb.	3.02	- —
1096	Golden orange GFD, single paste	lb.	2.58	- —
1099	Dark blue BO, single paste	lb.	2.28	- —
1101	Jade green N supra, double paste	lb	1.55	- —
1106	Blue RS double paste	lb	3.85	- —
1113	Blue BLFD double paste	lb	2.92	- —
1151	Brown R single paste	lb	2.29	- —
1171	Indigo synthetic 20% paste	lb	31	- —
1217	Orange RD double powder	lb	4.60	- —
p-4	Brown PG	lb	3.00	- —
p-24	Gray L	lb.	2.08	- —
p-80	Diazo brilliant scarlet ROAD	lb	3.62	- —
p-202	Diazo black VJ conc	lb	2.48	- —
p-244	Brilliant scarlet BN	lb	1.70	- —
p-313	Naphthol SWF	lb.	1.76	- —

Dyes coaltar oil-soluble, 100-lb drums, dlvd No.

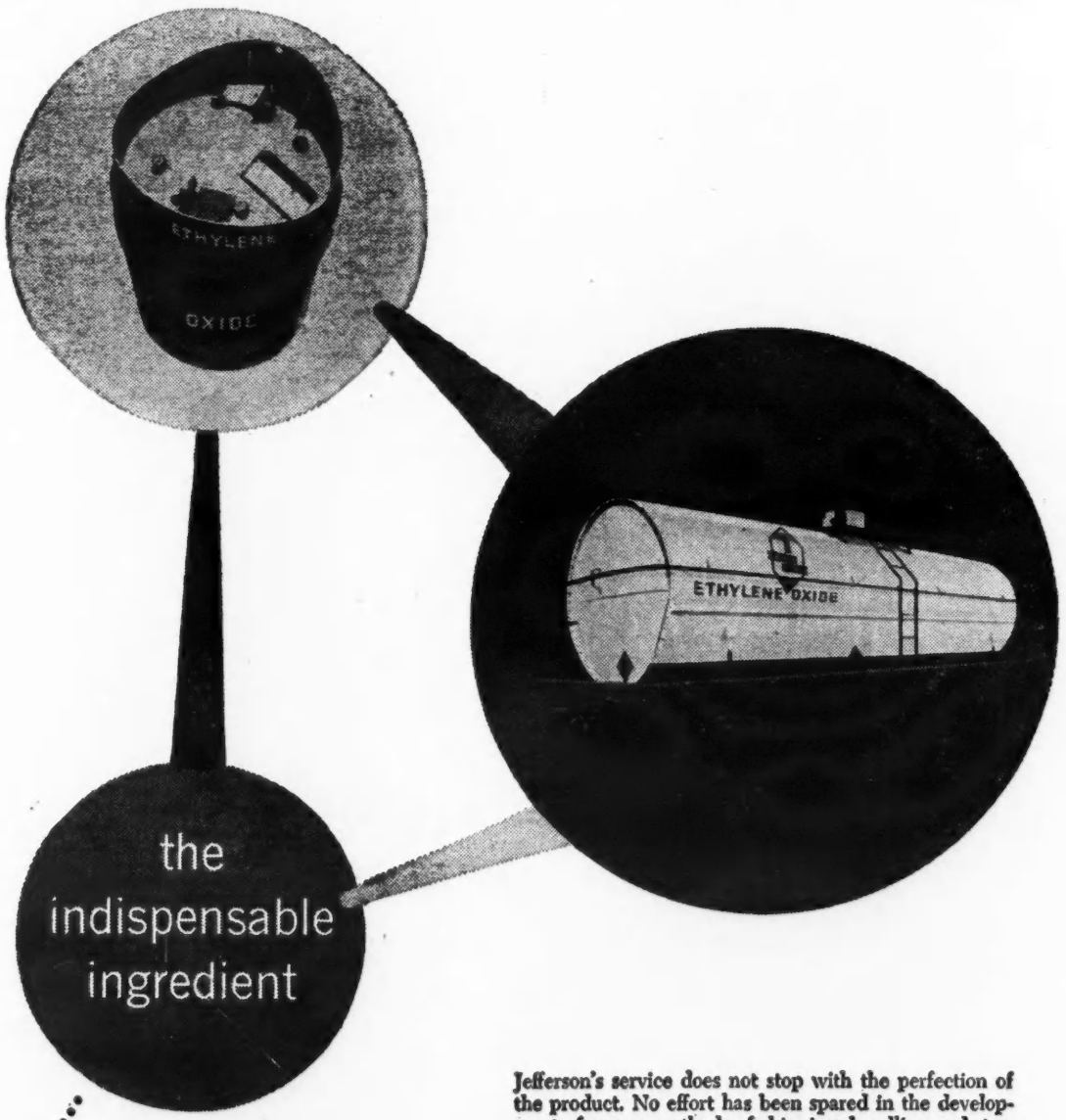
24	Oil orange Z-7078	lb	1.08	- —
73	Oil scarlet BL	lb	1.70	- —
1073	Oil violet ZIRS	lb.	6.81	- —
1078	Alizarin green CG	lb.	3.53	- —
1080	Oil violet special Z	lb	6.81	- —
	Oil black ZBC	lb	4.46	- —
	Oil black ZBD	lb	3.03	- —
	Oil black ZHH	lb	4.61	- —
	Oil black ZMM	lb	6.52	- —
	Oil blue ZN	lb	8.02	- —
	Oil blue ZV	lb	4.95	- —
	Oil orange ZMG	lb	1.32	- —
	Oil red N-1700	lb	1.76	- —
	Oil yellow ZG conc	lb	6.33	- —

Dyes coaltar spirit soluble 100 lb drms., dlvd No

p-517	Spirit yellow 2R conc	lb	4.62	- —
p-520	Spirit orange ZR, conc	lb	5.87	- —
	Spirit black RB	lb.	3.54	- —
	Spirit brown ZG	lb	5.30	- —
	Spirit red B conc	lb	6.41	- —

E

Echinacea root, bls	lb	1.10	- —
Egg albumin (see Albumin).			
Egg yolk, dried, dom., bbls	lb.	1.29	- 1.32
Tanners bbls	lb	.06	.06½
Elm bark, grinding bls	lb	.30	- .32
Powd., bbls., bxs.	lb.	.45	- —
Select hundies	lb	75	- —
Emetine hydrochloride, USP, bots	oz.	42.00	-48.25
Endrin, tech., dms., 100-10,000 lbs. lots, dlvd., 100% basis	lb.	3.45	- —
Eosin red toner, bbls., works	lb.	1.85	- —
Ephedrine, syn., USP, anhyd., bots, 100-oz lots	oz.	.98	- 1.00
hydrous bots, 100-oz lots	oz.	.92	- —
Ephedrine hydrochloride, NF, dms.,	oz.	.60	- .65
Ephedrine sulfate, USP, cryst., dms.,	oz.	.60	- .80
Powd., dms.	oz.	.60	- .80
Epichlorohydrin, dms. c.l. dlvd	lb.	.35½	- —
dms., l.c.l., dlvd	lb.	.36½	- —
tanks dlvd	lb.	.33	- —
l-Epinephrine base syn. USP bots. 100 gram lots	gram.	.58	- —
Epsom salt (see Magnesium sulfate)			
Erigeron oil, cns.	lb	6.00	7.50
Ergot NF dms. tin-lined	lb	1.60	—
Eserine salicylate, bots	oz.	72.50	-84.00
Eserine sulfate, bots	oz.	87.75	—
Ester gum gum-rosin type, dms., c.l., dlvd., Ill. Md. Ky., Mich., Mid-Atl. States, N. E States, Minneapolis N. C., Ohio St. Louis St. Paul Va. W Va.	lb.	.17	- —
Ester gum wood-rosin type, dms., c.l. same basis	lb.	.17	- —
Ether (see specific product)			
Ethyl acetate, nat., ferment. 85-88%, dms., c.l. frt alld	lb.	.15	- —
dms., l.c.l., dlvd.	lb.	.16	- —
tanks, dlvd.	lb.	.12½	- —
95-98%, dms., c.l., dlvd.	lb.	.15¼	- —
dms., l.c.l., dlvd.	lb.	.16¼	- —
tanks, dlvd.	lb.	.12¾	- —
99%, dms., c.l., dlvd	lb.	.15½	- —
dms., l.c.l., dlvd.	lb.	.16½	- —
tanks, dlvd.	lb.	.13	- —
Syn., 85-88%, dms., c.l., dlvd.	lb.	.15	- —
dms., l.c.l., dlvd.	lb.	.16	- —
tanks, dlvd.	lb.	.12½	- —
95-98%, dms., c.l., dlvd	lb.	.15¼	- —
dms., l.c.l., dlvd.	lb.	.16¼	- —
tanks, dlvd.	lb.	.12¾	- —
99%, dms., c.l., dlvd.	lb.	.15½	- —
dms., l.c.l., dlvd.	lb.	.16½	- —
tanks, dlvd.	lb.	.13	- —
Ethyl acetoacetate dms. c.l., dlvd.	lb.	.58½	- —
dms., l.c.l., dlvd	lb.	.59½	- —
tanks dlvd	lb.	.56	- —
Ethyl acrylate dms. c.l., t.l., dlvd.	lb.	.36	- —
dms., l.t.l., dlvd	lb.	.37	- —
tanks, dlvd	lb.	.34	- —
Ethyl alcohol, 190 pf., USP, tax paid dms. c.l. dlvd E of Rockies.	gal.	20.58	—
dms., l.c.l., same basis	gal.	20.63	-20.69
tanks, same basis	gal.	20.42	- —
Ethyl alcohol, 190 pf., USP, tax-free, dms., c.l., dlvd. E. of Rockies.	gal.	.63	- —
dms., l.c.l., same basis	gal.	.68	- .74
tanks, same basis	gal.	.47	- —
Ethyl alcohol, absolute, 200 pf. tax paid dms. dlvd E of Rockies.	gal.	21.70	—
dms., l.c.l., same basis	gal.	21.73	-21.81
tanks, same basis	gal.	21.54	- —
Ethyl alcohol, denatured (see Denatured alcohol, ethyl).			
Ethyl aminobenzoate USP (see Benzocaine)			
Ethyl amyl ketone, dms., c.l., dlvd.	lb.	.20	- —
dms., l.c.l., same basis	lb.	.21	- —
tanks, same basis	lb.	.17½	- —
Ethyl benzoate, bots	lb.	.90	- —
Ethyl bromide tech., 98%, dms., c.l., frt. alld. E	lb.	.43	- —
dms., l.c.l., frt. alld. E	lb.	.45	- —
tanks, frt. alld. E	lb.	.41	- —
2-Ethyl butyl alcohol, dms., c.l., dlvd. works	lb.	.30	- —
dms., l.c.l., works	lb.	.30¾	- —
tanks, works	lb.	.28	- —
Ethyl butyl ketone dms. c.l., t.l., works	lb.	.38	- —
dms., l.c.l., t.t.l., works	lb.	.38¾	- —
tanks, works	lb.	.34	- —



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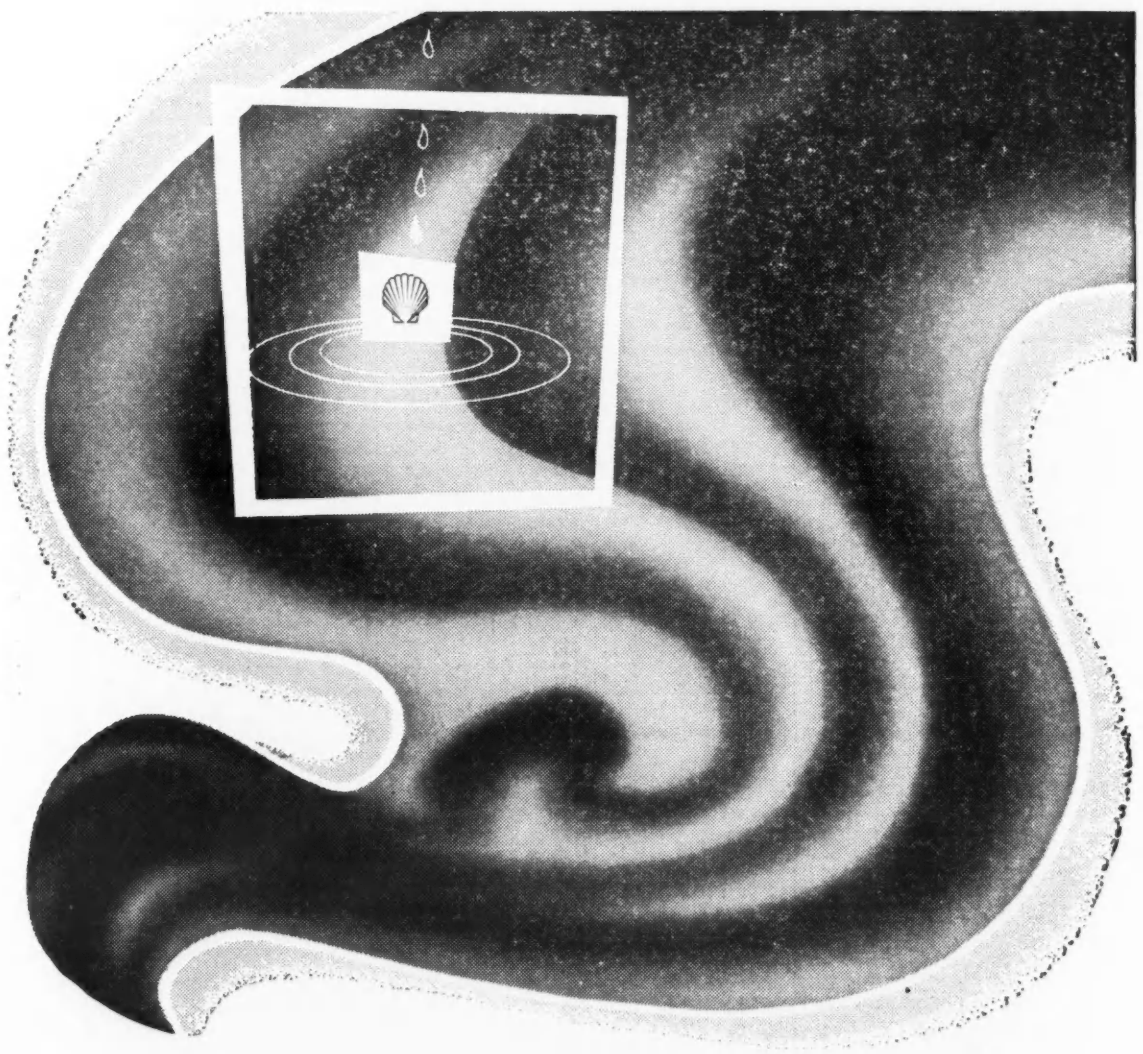
Ethylene Oxide, Glycols, Dichloride • Ethanolamines • Morpholine • Piperazine
Polyethylene Glycols • Nonyl Phenol • SURFONIC® Surface-Active Agents
Ethylene Carbonate and Propylene Carbonate • Caustic Potash • Caustic Soda
Soda Ash • Sodium Bicarbonate

Ethyl butyrate, works ..... lb. .90 - 1.00
Ethyl carbamate (see Urethane).
Ethyl cellulose, vis. 7 cps., bgs., 5,000-lb. lots or more, frt. alld. E lb. .73 - —
bgs., smaller lots, frt. alld. E. lb. .75 - —
Ethyl cellulose, vis. 10, 20, 50, 100, 150 cps., bgs., 5,000-lb. lots or more, frt. alld. E lb. .68 - —
bgs., smaller lots, frt. alld. E. lb. .70 - —
Ethyl chloride tech., cyls., works. lb. .20 - .22
dms., works ..... lb. .18 - .20
tanks, works ..... lb. .10 - —
Ethyl cinnamate, cns ..... lb. 3.35 - 3.50
Ethyl ethanolamines, mixed, dms., c.l. dlvd. E lb. .43½ - —
dms., l.c.l. dlvd. E. lb. .44½ - —
tanks, dlvd E ..... lb. .41½ - —
Ethyl ether, anhydrous, A.C.S. dms lb. .27 - —
Anesthesia, USP, dealers, 1-lb. cns lb 1.01 - —
½-lb cns. ..... lb 1.09 - —
¼-lb cns. ..... lb 1.21 - —
Ethyl ether, indust., dms., c.l., dlvd. lb. .13½ - —
dms., l.c.l., dlvd. E. ..... lb. .14½ - —
tanks, dlvd. E. ..... lb. .11 - —
Ethyl gallate dms. 100 to 2,000-lb. lots lb 3.90 - 4.40
2-Ethyl hexoic acid dms., c.l., t.l., dlvd. E lb. .37 - —
dms., l.c.l. t.l.l. dlvd. E ..... lb. .38 - —
tanks, dlvd E ..... lb. .34½ - —
(2-Ethyl hexoic acid 1c. higher W of Rockies.)
2-Ethylhexyl acrylate, c.l. or t.l., straight or mixed frt. alld E. lb. .47½ - —
dms., l.t.l., same basis ..... lb. .48½ - —
tanks, same basis ..... lb. .45 - —
Prices of 2-ethylhexyl acrylate are 1½c. per lb. higher in Ariz. Calif., Idaho, Nev., Ore., Utah and Wash.
2-Ethylhexyl alcohol dms. t.c. dlvd. lb. .23¾ - —
dms., l.c.l., dlvd. ..... lb. .24¾ - —
tanks, dlvd. ..... lb. .21¼ - —
Ethyl iodide chys., works lb 3.30 - —
Ethyl methacrylate, dms. c.l., frt. equald lb. .52 - —
dms., l.t.l. frt. equald ..... lb. .52½ - —
tanks frt. equald ..... lb. .50 - —
Ethyl morphine hydrochloride, USP. hots oz 11.85 - —
Ethyl nitrite (see Nitrous ether).
Ethyl oenanthate, dms ..... lb. 1.20 - 1.50
Ethyl oxalate (see Diethyl oxalate)
Ethyl silicate, dist. (see Tetraethyl orthosilicate).
Ethyl silicate, 40% available SiO_2, dms., c.l., dlvd lb. .44½ - —
dms., l.c.l., dlvd. ..... lb .45½ - —
tanks, dlvd ..... lb. .42 - —
N-Ethyl-a-napnthylamine, dms., works. lb. 1.02 - —
N-Ethyl-o-toluidide, bbls. ..... lb. .88 - —
Ethylamine (see Mono, Di- or Tri-).
N-Ethylaniline dms., c.l., frt. alld. lb. .57 - —
dms., l.c.l., frt. alld ..... lb. .58 - —
tanks, frt. alld. ..... lb. .55 - —
Ethylbenzene 99% dms., c.l. or t.l., frt. equald lb. .15 - —
dms., l.c.l., same basis ..... lb. .17 - —
tanks, same basis ..... lb. .12½ - —
2-Ethylbutyl alcohol, dms., c.l., works lb. .30 - —
dms. l.c.l. works ..... lb. .30¾ - —
Ethylene contract ref'y gate ..... lb. .0475 - .0525
Ethylene dibromide dms., c.l., frt. equald lb. .30½ - —
dms., l.c.l., frt. equald ..... lb. .31½ - —
tanks, frt. equald ..... lb. .28½ - —
Ethylene dichloride dms., c.l., dlvd. lb. .11½ - —
dms., l.c.l., same basis ..... lb. .12½ - —
tanks, same basis ..... lb. .09 - —
Ethylene dichloride prices W. of Rockies, 1c. per lb higher.
Ethylene glycol, indust., dms., c.l., dlvd E lb. .16 - —
dms., l.c.l., same basis ..... lb. .17 - —
tanks, same basis ..... lb. .13½ - —
Ethylene glycol monobutyl ether, dms., c.l., dlvd. E lb. .22 - —
dms., l.c.l., dlvd. E. ..... lb. .23 - —
tanks, dlvd. E ..... lb. .19¼ - —
Ethylene glycol monoethyl ether, dms., c.l., dlvd. E lb. .21 - —
dms., l.c.l., dlvd. E. ..... lb. .22 - —
tanks, dlvd E ..... lb. .18½ - —
Ethylene glycol monoethyl ether acetate dms. c.l. dlvd. E lb. .19½ - —
dms., l.c.l., dlvd. E ..... lb. .20½ - —
tanks, dlvd. E. ..... lb. .17 - —
Ethylene glycol monomethyl ether, dms., c.l., dlvd. E lb. .21 - —
dms., l.c.l., dlvd E. ..... lb. .22 - —
tanks, dlvd E ..... lb. .18½ - —
Ethylene glycol monomethyl ether acetate, dms. c.l. dlvd. E lb. .29 - —
dms., l.c.l., dlvd E. ..... lb. .29¾ - —
tanks, dlvd. E. ..... lb. .27 - —
Ethylene glycol monostearate, triple pressed, dms. lb. .33 - .38
Ethylene oxide, dms., c.l., dlvd E. lb. .21½ - —
dms., l.c.l., dlvd. E. ..... lb. .24½ - —
tanks, dlvd. E ..... lb. .15½ - —
Ethylene trichloride (see Trichloroethylene)
Ethylenediamine, 85-88%, dms., c.l., dlvd. E., 100% basis lb. .42 - —
dms., l.c.l., dlvd E., 100% basis. lb. .43 - —
tanks, dlvd E., 100% basis lb. .40 - —
Ethylvanillin 100-lb. fib. dms., 500-lb. lots and over. lb. 6.75 - —
Eucalyptol, USP, cns., dms. .... lb. 1.10 - 1.40
Eucalyptus oil, NF, rectified, 70-75%, dms. lb. .63 - .80
NF, rectified, 80-85%, dms. .... lb. .70 - .95
Eugenol, USP, dms. ..... lb. 2.00 - 2.20
Euphorbia herb, bls. ..... lb. .15 - .17

F

F acid, crude, paste, bbls., works. lb. 2.10 - —
Feldspar, 140-200 mesh, bulk, c.l., works ton 19.50 - —
Feldspar in bags $3 per ton higher
Fennel oil, sweet, USP, cns. ..... lb. 2.75 - 2.95
Fennel seed, Argentine, bgs. .... lb. .14 - —
French, light, bgs. ..... lb. .20 - —
Indian, light, bgs. ..... lb. .28 - —
Rumanian, bgs. ..... lb. .13 - —
Yugoslav, light, bgs. ..... lb. .22 - —
Fenugreek seed, Moroccan, bgs. lb. .07¾ - —
Ferric acetate, liq., 28°, bbls., c.l., works lb. .09 - —
bbls., l.c.l., works ..... lb. .09¾ - —
Soln., USP IX, cbys. ..... lb. .16 - —
USP IX, djns ..... lb. .17 - —
Ferric chloride, anhyd., tech., dms., c.l., works 100 lbs. 7.50 - —
dms., l.c.l., works ..... 100 lbs. 8.50 - —
Indust., cryst., bbls., c.l., works. 100 lbs. 5.25 - 6.75
bbls., l.c.l., works ..... 100 lbs. 5.75 - 7.25
Ferric chloride, 42° Be. photo grade, chys., c.l., works 100 lbs. 7.25 - 8.25
sewage grade, tanks, frt. equald, 100% basis. 100 lbs. 4.00 - —
USP, cryst., dms., works .... lb. .07½ - .09
Ferric citrate, gran., dms ..... lb. .86 - —
Ferric hypophosphite NF dms lt. 3.45 - —
Ferric naphthenate liq., 6% Fe, dms. frt. alld lb. .28¼ - —
Ferric oxalate, gran., dms lb. .89 - .91
Ferric oxides (see Iron oxides)
Ferric phosphate, NF soluble, gran. pearls, cs lb. .64 - .67
Ferric pyrophosphate NF VII soluble, gran., pearls, dms lb. .79 - —
Ferric resinate 6¾% Fe. dms. ton lots frt. alld lb. .36½ - —
Ferric stearate dms. c.l. frt alld. lb. .39 - —
dms., l.c.l. frt alld lb .40 - .44
Ferric sulfate purity hydrated, bgs. c.l. works ton 35 25 -
bgs., l.c.l., works ton 36 25 - 42 25
bulk, c.l., works ton 33 25 -
Ferric-ammonium citrate brown, pearls, NF gran., dms lb .65 - .68
Green, pearls USP XII gran., dms lb. .66 - .69
Ferric-ammonium oxalate fine gran., dms lb. .27½ - .29½
Ferric-potassium oxalate fine gran., dms lb. .32½ - .34½
Ferric-sodium oxalate fine gran. dms lb. .27½ - .29½
Ferrous gluconate, USP, dms. lb. .96 - —
Ferrous sulfate, gran bgs., c.l., works ton 34 50 - —
bgs., l.c.l., dlvd. Metropolitan area, 100 lbs. 3.35 - 4.25
bbls., c.l., works ton 40 00 -
bulk, c.l., works ton 27 00 -
USP, cryst., bbls. dms ..... lb .09½ .10
Fir balsam, Canada, bbls ..... gal. 32.00 - 35.00
Oregon, bbls. ..... gal. 3.75 - 4.00
Fir oil, Canada, cns. ..... lb. 2.85 - 4.00
Fish oil, refd., alkali, dms. ..... lb. .1350 - .1400
Kettle-bodied, dms ..... lb. .1530 - .1630
Light-pressed, dms ..... lb. .1200 - .1250
tanks ..... lb. .1050 - —
Fishliver oil high potency 100,000 A units per gram dms. 1,000,000 units. .16 - —
200,000 A units per gram dms. 1,000,000 units. .17½ - —
500,000 A units per gram dms., 1,000,000 units. 18 - —
Fishmeal dom menhaden 60% protein grd. bgs. Chesapeake Bay area ton 133.00 - —
Fishscrap dom menhaden dried, 80% protein grd bgs. Chesapeake Bay area ton 129.00 - —
Fleaseed (see Psyllium seed)
Folic acid USP bots fib dms. kilo-lots or more gram .70 - —
10% feed grade fib dms. 10 kilos or more kilo 62 00 - —
Formaldehyde 37% (inhibited 7 to 8% methanol) USP dms., c.l., dlvd lb. .0645 - —
tanks, dlvd. ..... lb. .0380 - —
Formaldehyde 37% (inhibited, 12 to 15% methanol), USP, dms., c.l., dlvd lb. .0670 - —
tanks, dlvd. ..... lb. .0405 - —
Methanol-free (uninhibited), tanks, dlvd lb. .0350 - —
Formic acid 85% chys. c.l., works lb 1570 —
chys., l.c.l., works ..... lb 1620 1720
90% chys., c.l., works ..... lb 1625 —
chys. l.c.l. works ..... lb 1675 1775
Fringetree bark bls ..... lb 60 61
Fuller's earth bgs c.l. fll mines ton 19 00 —
Calcined, bgs., c.l., same basis. ton 20 00 - 21 75
Insecticide grade, dried powd. bgs. c.l. Ga or Fla mines ton 17 50 —
Oil-bleaching grade, 100-mesh, bgs., c.l., same basis ton 16.30 - 17.00
200-mesh bgs. c.l. same basis ton 17 50 18 00
Spent, bgs. c.l. ship point ton 4 50 5 00
Fumaric acid tech bgs dms c.l. frt. alld E lb 27¼ —
bgs., l.c.l. same basis lb 28¼ —
Prices of fumaric acid 1½c per lb higher west of Denver
Furfural, dms c.l. works ..... lb .3 - —
dms., l.c.l., works ..... lb 14 - —
tanks dlvd E ..... lb 12 - —
tanks dlvd W ..... lb 13 - —
Furfuryl alcohol cns. works lb 29 - —
dms. c.l. Memphis Tenn lb 20 - —
dms. l.c.l. Memphis, Tenn lb 21 - —
Furfuryl alcohol, dms., c.l., Newark, N. J lb. .21½ - —
dms. l.c.l. Newark N. J lb 22½ - —
tanks Memphis, Tenn lb 184 - —



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SHELL

Fusel oil refd dms. c.s., dlvd lb .18 - —
dms., t.c.l., dlvd. lb. .19 - —
tanks, dlvd lb. .15½ - —
Fustic extract cryst. No 1, bbls., t.c.l lb 47½ - —
No. 2, bbls. t.c.l lb 45½ - —
No 3, bbls. t.c.l. lb 43½ - —
Fustic extract liq. No 1, bbls. t.c.l.. lb. 22½ - —
No 2, bbls. t.c.l. lb 21½ - —
No. 3, bbls., t.c.l. lb 19 - —
Solid, No. 1, bxs., t.c.l. lb 45 - —

G

G salt, bbls frt alld, 100% basis lb. 73 - —
Gallic acid NF VII, bbls. 1,000-lb. lots lb 2.00 - —
bbls smaller lots lb 2.02 2.22
Tech., bbls., 1,000-lb. lots . lb. 1.78 - —
lb. 1.78 - —
bbls. smaller lots lb 1.80 2.00
Gamma acid, dry grd. bbls., frt alld lb 1.50 - —
Paste, bbls., frt. alld lb 1.45 - —
Gammapicoline (see g-picoline)
Garlic oil, dom., bots oz. 4.78 - 6.05
Imp., bots. oz. 4.90 - 5.00
Gaultheria oil (see Wintergreen oil)
Gelatin, edible pure (pork skin).
75 AOAC test, bbls., c.l lb. .52 - —
150 AOAC test, bbls., c.l lb. .67 - —
200 AOAC test, bbls., c.l lb. .74 - —
225 AOAC test, bbls., c.l lb. .77 - —
275 AOAC test, bbls., c.l lb. .84 - —
Gelsemium root, bls lb 26 - —
Gentian root, bls. lb 23 - —
Grd., bbls., bxs lb 27 - —
Pwd bbls bxs lb 27 - —
Geraniol, extra, cns., dms lb. 2.50 - 3.00
Standard, cns., dms lb. 2.60 - 3.40
Geranium oil, Algerian, cns lb.14.50 -18.50
Bourbon, cns. lb.17.00 -20.75
Geranium oil Turkish (see Palmarosa oil)
Geranyl acetate, cns lb 2.20 - 2.70
Ginger oil, dist., bots lb.11.00 -16.00
Ginger oleoresin NF from African root, bots lb. 5.00 - 5.50
NF, from Jamaican root, bots.lb.14.00 - —
Ginger root, Cochin, bgs. lb. .14½ - —
Jamaican, No. 3, bgs. lb. .25 - —
Nigerian, split, bgs. lb. .13 - —
Sierra Leone, bgs lb. .15½ - —
Glauber's salt (see Sodium sulfate)
Gluconic acid tech. 50% dms., frt. alld lb. .18 - —
dms t.c.l. frt. alld. lb 20½ - —
tanks, frt. alld lb. .13½ - —
Glue, bone, extracted, dry bone, 86 jellygrams bgs c.l. dlvd. lb .15 - —
131 jellygrams, bgs. c.l., same basis lb. .17 - —
164 jellygrams, bgs., c.l., same basis lb. .17½ - —
191 jellygrams, bgs. c.l., same basis lb. .19 - —
222 jellygrams, bgs., c.l., same basis lb. .22 - —
Glue, bone, green, dry bone, 40 jellygrams, bgs., c.l., same basis lb. .16 - —
65 jellygrams, bgs., c.l., same basis lb. .16 - —
86 jellygrams, bgs., c.l., same basis lb. .16 - —
115 jellygrams, bgs., c.l., same basis lb. .16½ - —
135 jellygrams, bgs., c.l., same basis lb. .17½ - —
164 jellygrams, bgs., c.l., same basis lb. .18½ - —
180 jellygrams, bgs., c.l., same basis lb. .19½ - —
209 jellygrams, bgs., c.l., same basis lb. .20½ - —
Bone glue t.c.l. prices 1c higher
Glue, hide, 70-96 jellygrams, ogs., c.l., dlvd lb. .16 - —
95-121 bgs., c.l. dlvd lb. .17 - —
122-149, bgs., c.l., dlvd lb. .18½ - —
150-177, bgs., c.l., dlvd lb. .21 - —
178-206, bgs., c.l., dlvd lb. .23½ - —
207-236, bgs., c.l., dlvd lb. .26 - —
237-266, bgs., c.l. dlvd lb. .28 - —
267-298, bgs., c.l., dlvd lb. .30 - —
299-330, bgs., c.l., dlvd lb. .32 - —
331-362, bgs., c.l. dlvd lb. .34 - —
363-394, bgs., c.l., dlvd lb. .36 - —
395-427 bgs., c.l., dlvd lb. .38 - —
428-460, bgs., c.l., dlvd lb. .40 - —
461-494, bgs., c.l., dlvd lb. .42 - —
495-529, bgs., c.l. dlvd lb. .44 - —
Hide glue t.c.l. prices 2c. higher.
l-Glutamic acid 99½%, tib cans., 100-lb lots, frt alld lb 2.00 - —
fib dms., 25-lb lots, frt alld. lb 2.05 - —
l-Glutamine, bots., 100 gm. lots,gram. .45 - —
Glycerine, dom., nat., crude, saponification, 88%, dlvd. E., tanks lb. .1760 —
nat., crude, soaplye, 80%, dlvd. E., tanks lb. .16 - —
Imp., nat., crude, soaplye, 80%, c.i.f lb. .16½ - —
Glycerine nat. refd. USP CP 99%, cms., c.l., dlvd lb. .29¾ - —
dms. t.c.l. dlvd lb 29⅞ - —
tanks, dlvd lb. 27⅝ - —
USP, 96%, dms. c.l., dlvd lb. .28½ - —
dms. t.c.l. dlvd lb 29 - —
tanks dlvd lb. 26¾ - —
high gravity, dms. c.l., dlvd lb. .29¼ - —
dms., t.c.l., dlvd. lb. .29¾ - —
tanks, dlvd. lb. .27⅜ - —
Glycerine syn. dms. c.l. dlvd lb 29½ - —
dms., t.c.l., dlvd lb. .30 - —
tanks, dlvd. lb. .27¾ - —
Glycine (see Aminoacetic acid).
Glycerol (see Glycerine)
Glycolic acid (see Hydroxyacetic acid).
Glyoxal, 50% dms c.l. works lb 20½ - —
dms., t.c.l., works lb 21½ - —
tanks, works lb. 18 - —
Golden seal root NF, tested bls Grapefruit oil, dms. lb. 1.95 - 2.75
Graphite amorph, powd. bgs. fib dms ex whse lb. .08 - .09½
Graphite, amorph., cryst., 83-90%, powd., bgs., fib, dms., ex whse lb. .19 - .21½
90-92%, powd., bgs., fib dms., ex whse lb .21 - .24½
95-97%, powd., bgs., fib, dms., ex whse lb .29 - .31½
Flake, No. 1, 90-95%, bgs., fib, dms., ex whse lb. .29 - .31
Flake, No. 2, 90-95%, bgs., fib dms ex whse lb .29 .31
Grease white, choice all hog, tanks, dlvd lb. .09 Nom.
Yellow, tanks, dlvd. lb. .07¾ - .07⅞
Grease oil, No. 1, dms., c.l. . lb. .15¾ —
dms., t.c.l. lb. .16¾ .18¾
extra winter, strained, dms., c.l. lb. .18¼ —
dms., t.c.l. lb. 19¼ - .21¼
prime, burning, dms., c.l. lb. 19¾ —
dms. t.c.l lb 20¾ 22¾

Green Pigments

Green pigment quotations are listed individually. For example, prices on Green, chrome, may be found in the C's under Chrome green.

Grindelia robusta herb bls lb 45 —
Guaiacol, NF cryst. dms. tins lb 2.10 2.15
NF liq cbys. dms lb 2.30 2.40
Guaiacol carbonate NF VII. dms.lb 3.40 3.45
Gualacwood oil ens lb. 85 1.50
Guar gum, food grade, bgs., c.l lb. .38 - .44
bgs., 5,000 lbs. or more lb. .39 - .44
Tech. grade, bgs lb. .30 - .33

Gums

Gum quotations are listed individually. For example, prices on Gum, Dammar, may be found in the D's under Dammar gum.

Gypsum plaster of Paris, 100-lb paper ngs., trucks, dlvd New York ton 20.30 - —
Gypsum, terra alba dom., 100-lb paper bgs., trucks, same basis ton.20.00 - —
100-lb paper bgs trucks, works, New York ton 17.00 - —
Imp., English, 100-lb. paper bgs., ex dock New York ton.55.00 - —
100-lb paper bgs. ex whse ton.60.00 -62.00

H

H acid, dry, bbls. c.l., frt. alld., 100% basis lb. .90 - —
bbls., t.c.l., same basis lb. .95 - —
Hansa yellow 10 G, bbls., dlvd. E. of Rockies lb. 2.45 - —
Hansa G yellow, pigment bbls lb. 2.20 - —
Hawthorn berries ngs lb 23 - —
Heliotropin, 100-lb. lots, dms .. lb. 2.50 - 3.00
Hemidesmus root dom. green bls lb .70 .75
Hetonias root bls lb 1.75 2.00
Hematine extract, cryst. No. 1, bbls., t.c.l lb 47 - —
No 2, bbls. t.c.l lb 43 - —
No 3, bbls., t.c.l lb 41 - —
No 4, bbls. t.c.l lb 39 - —
No 5, bbls. t.c.l lb 37 - —
Paste No 1 bbls. t.c.l lb 20½ —
Hemlock oil, ens. lb. 3.00 3.55
Hercampe leaves bls lb 35 40
Heptachlor, dms., c.l. t.l., 100% basis frt. alld lb. .90 - —
Heptane indust tanks Bayonne, N J gal .20 —
tanks Baytown Tex gal .16¼ - —
tanks, Borger Tex gal 16¼ —
tanks, Houston, Tex gal. .16¼ - —
Hesperidin, purif., 25-lb. lots, f.o.b., works lb 8.95 - —
Hesperidin methylchalcone, bots. 50-lb lots, works lb 22.50 - —
bots. 5-lb lots, works lb 23.00 - —
bots. 1-lb lots works lb 23.50 - —
Hexachlorophene, dms lb. 1.94 - —
Hexalin (see Cyclohexanol).
Hexamethylenetetramine tech., bgs., 20,000-lb lots or more, Perth Amboy or New York lb. .233 - —
bgs. 1,000-19,999-lb lots, same basis lb. .243 - —
bgs., smaller lots, same basis lb. .253 - —
fib dms. 1,000-lb lots or more, same basis lb. .250 - —
fib dms. smaller lots, same basis lb. .253 - —
Hexamethylenetetramine, USP, bgs., 500 lbs. or more, f.o.b. Fords, N. J., dlvd. New York and Philadelphia lb. .42½ —
bgs. smaller lots same basis lb. .43½ - .48¼
Hexane, indust. tanks Bayonne, N J gal. .20 —
tanks, Borger, Tex., dlvd gal. .16 - —
tanks, Houston, Tex gal. .16 - —
1-Hexanol dms. c.l. works lb. .35 - —
dms., t.c.l. works lb. .35¾ - —
tanks works lb 33 —
Hexyl cinnamic aldehyde dms lb 4.00 7.50
n Hexyl methacrylate dms., c.l., works lb. .75½ - —
dms. t.c.l. works lb 76 - —
Hexyl salicylate dms lb 1.75 - —
Hexylene glycol, dms., c.l., dlvd lb. .17½ - —
dms., t.c.l., dlvd lb. .18½ - —
tanks dlvd lb. .15 - —
Hexylresorcinol, USP, dms., 25-lb. lots or more dlvd lb.14.00 - —
dms. smaller lots dlvd lb 14.50 - —
Homatropine hydrobromide, USP bots oz. 3.00 - —
Homatropine methylbromide, USP bots. oz 3.90 - —
Hoofmeal, 17-18% ammonia bulk, c.l., Chicago unit-ton. 6.00 - —
Horehound herb bls lb. .16 - .19
Hydrastis (see Goldenseal)
Hydrazine hydrate 85% ret. dms., works lb 1.35 - 1.55
100% ret dms., works lb. 1.60 - 1.90
Hydriodic acid, 1.50 s.g., cbys lb. 2.92 - —
1.70 s.g. cbys lb 3.25 - —
Hydroabietyl alcohol, tech., solid, zone 1 dms. c.l. dlvd lb. .29¼ —
dms. t.c.l. dlvd lb. .29¾ - .30¼
tanks dlvd lb. 27¼ —
Zone 1 for hydroabietyl alcohol comprises all of continental US except Ariz. Calif. Colo Idaho Mont. Nev. N M. Ore., Utah, Wash Wyo. and the western part of Texas.
Hydrobromic acid medicinal, 48%, cbys. dlvd E lb. .37 - .43
Hydrochloric acid, anhyd. (see Hydrogen chloride)
Hydrochloric acid 18° cbys., c.l., works 100 lbs. 2.50 - —
cbys., t.c.l., dlvd Metropolitan area 100 lbs 2.90 3.05
tanks works frt equald ton.28.00 —
20°, cbys., c.l., works 100 lbs. . 2.75 - —
cbys., t.c.l., dlvd Metropolitan area 100 lbs 3.15 - —
tanks, works frt. equald .. ton.30.00 - —
Hydrochloric acid, 22°, cbys., c.l., works..100 lbs. 3.25 - —
cbys., t.c.l., dlvd Metropolitan area 100 lbs. 3.65 - —
tanks, works, frt. equald ton.35.00 - —
CP, USP, consumers cbys. extra c.l. works..lb. .15¾ - —
cbys., t.c.l., same basis lb. .17¼ - .17¾
5-pint bots., extra cs., c.l., same basis lb. .20¾ - —
5-pint bots., extra cs., t.c.l., same basis lb. .22¼ - .23¼
Hydrocortisone acetate bulk, bots., kilo lots or more..gram. 2.90 - —
Hydrocortisone alcohol bulk, bots., kilo lots or more..gram. 2.90 - —
Hydrocyanic acid cyls. c.l., dlvd. lb. .70 - —
cyls. t.c.l. same basis lb. .75 - .90
Hydrocyanic acid, dilute, NF, 2%, 5-lb bots lb. .40 - —
Hydrofluoric acid, anhyd (see Hydrogen fluoride)
Hydrofluoric acid, aqueous, 70%, 55-gal. dms. c.l., t.l., dlvd. 100 lbs.19.25 - —
55-gal. dms. t.c.l. t.l., dlvd., 100 lbs.20.75 - —
30-gal. dms. c.l., t.l., dlvd. 100 lbs.21.00 - —
30-gal dms. t.c.l. t.l., dlvd. 100 lbs.22.50 - —
tanks, works frt. equald. 100 lbs.18.50 —
Delivered prices apply to all states east of Arizona California, Colorado, Idaho, Montana, Nevada New Mexico Oregon, Washington and Wyoming in those states add $2.70 per cwt. for drum delivery.
Hydrofluosilicic acid dms., works, 30% basis lb. .08 - —
Hydrofuramide dms. 98% cms., works lb. .50 - .60
50-lb. cyls., t.c.l., works lb. .55 - .60
Hydrogen chloride anhyd. 50-lb. cyls., t.c.l., works lb. .45 - —
Hydrogen cyanide liq. 98% tanks, works lb. .18 - —
Hydrogen fluoride, anhyd. cyls., dlvd E lb. .30½ - .32½
cyls. dlvd W lb. .29 - —
tanks works lb. .21 - —
Hydrogen peroxide USP bbls. dlvd, lb. .63¾ - .65
35% dms. c.l. dlvd lb. .092 - —
dms. t.c.l. dlvd lb. .213 - —
tanks dlvd lb. 1800- —
Hydroquinone photo grade, dms lb. 1.03 - 1.08
Tech. dms. c.l. dlvd lb. .82½ - —
dms. t.c.l. dlvd lb. .84¼ - —
Hydroxyacetic acid tech., 70%, dms Philadelphia and Chicago, tanks Belle W Va lb. .11 - — lb. .073 —
Hydroxycitronellal, cns lb. 4.80 - 5.30
Hyoscine salts (see Scopolamine)
Hyoscyamine hydrobromide bots.oz 6.00 7.00
Hyoscyamine sulfate bots oz 6.00 6.50
Hypernic extract cryst. No 1, bbls., t.c.l. lb. .52 - —
Liq. No 1 bbls. t.c.l lb. .35 - —
No 2, bbls. t.c.l lb. .27 - —
Hypophosphorous acid purif., 50% cbys., ton lots, f.o.b. works lb. .85 - —
NF, 30%, cbys., all quantities, same basis lb. .75 - —

I

Ichthammol, NF, dms. lb. .75 - 1.05
Indigo (see Dyes, crailar, 1171 indigo, syn.)
Indol CP bots lb.16.00 -18.25
Inositol bots. dlvd lb. 5.00 —
dms. dlvd lb 4.50 4.75
Insect flowers (see Pyrethrum).
Iodine, crude, kgs. lb. .95 - —
Resub., USP, dms lb. 2.02 - —
Iodochlorohydroxyquinolin USP dms lb. 3.60 - —
Iodoform NF dms. kgs lb 4.90 5.00
a-Ionone, cns. lb. 3.80 - 4.15
b-Ionone, cns lb. 4.50 - 4.90
Ipecac root, whole, bgs. lb. 9.00 - —
Powd. bbls. bxs lb.10.50 - —
Irish moss bleached prime bls lb 28 - .34
Iron blue, reg. bbls. c.l. dlvd E lb. .52 - —
bbls., t.c.l. top lots, same basis lb. .53 - —
bbls. smaller lots same basis, lb. .54 - —
Imp., British, bbls., c.l., same basis lb. .48 - —
bbls. t.c.l. top lots same basis, lb. .49 - —
bbls. smaller lots same basis lb. .50 - —
Iron blue, alkali-resisting, bbls. c.l., same basis lb. .57 - —
bbls. t.c.l. top lots same basis, lb. .58 - —
bbls., smaller lots, same basis lb. .59 - —
Iron blue dlvd prices 1c higher for Pacific Coast states—Wash., Ore. Cal., N. M., Ariz., Mon. Wyo Utah Col. and Nev
Iron compounds (see Ferric or Ferrous)
Iron oxide black, pure, bgs., c.l., works lb. .14¾ - —
bgs., t.c.l., works lb. .15 - —
Iron oxide, brown, pure, bgs., c.l., works lb. .14½ - —
bgs., t.c.l., works lb. .14½ - —
Iron oxide, metallic brown, bgs., works lb. .05¼ - —
Iron oxide, Persian Gulf, red, bgs., c.l., works lb. .03¾ - —
Iron oxide red, dom., pure, bgs., Bethlehem, Easton, E. St. Louis, N. Y lb. .14¼ - —
Iron oxide, red, nat 75-85% ferric oxide, bgs c.l. works lb. .04¼ - —
bgs., t.c.l., works lb. .04½ - —
Iron oxide Spanish red, bbls., c.l., ex dock lb. .05¾ Nom.
bbls., t.c.l., ex dock lb. .06 Nom.
bbls., t.c.l., ex whse. New York. .06½ Nom.
Iron oxide, yellow, nat., French type, bgs. c.l. works lb. .06¼ —
Peruvian type, bgs., t.c.l lb. .023 - .024
Iron oxide, yellow, pure, light lemon shade bgs. c.l., works lb. .12¼ - —
Other shades, same basis lb. .12 - —
Isoamyl alcohol dms. c.l. works, frt alld. E lb. .23 - —
dms. t.c.l. same basis lb. .20 - —
tanks same basis lb. .23 - —
Isoborneol, cns. lb. 1.44 - 1.80
Isobornyl acetate, cns lb. .48 - .56
Isobornyl formate, dms lb. 1.20 - —
Isobornyl proprionate dms lb. 1.25 - 1.35
Isobutyl acetate, perfume grade, cns lb. .75 - 1.00
Solvent grade dms. c.l. dlvd. E. of Rockies lb. .15¼ - —
dms., t.c.l. same basis lb. .16¼ - —
tanks, same basis lb. .12¾ - —
Isobutyl alcohol dms., c.l., dlvd. lb. .16 - —
dms., t.c.l., dlvd lb. .17 - —
tanks dlvd lb. .13¼ - —
Isobutyraldehyde, CP. dms., c.l., dlvd lb. .27½ - —
dms., t.c.l., dlvd lb. .28½ - —
Isobutyraldehyde, tech., dms., c.l., dlvd c.l. .21½ - —
dms., t.c.l., dlvd lb. .22½ - —
tanks, dlvd lb. 19½ - —
Isoeugenol, cns. lb. 3.55 - 3.75
Isoniazid, powd., bulk, 25-kilo lots or more kilo.23.00 -25.50
bulk, smaller lots kilo.24.00 -26.00
Isonicotinic acid, 100-lb fib. dms., works lb. 4.25 - —
Isonicotinic acid hydrazide (see Isoniazid)
Iso-octyl alcohol dms. c.l. dlvd E. lb. .23½ - —
dms., t.c.l., dlvd E lb. .24½ - —
tanks, dlvd E lb. .21 - —
Isopentane, comi. grade, tanks, f.o.b Tex refy gal. .15½ - —
Isopropanol (see Isopropyl alcohol).
Isophorone, dms. c.l. works lb. .24½ - —
dms. t.c.l. works lb. .25¼ - —
tanks, works lb. .22½ - —
Isopropyl acetate, dms. c.l. dlvd. lb. .14 - —
dms., t.c.l., same basis lb. .15 - —
tanks, same basis lb. .11½ - —
Isopropyl alcohol refd. 91% dms., c.l. dlvd gal. .59 - —
dms. t.c.l. dlvd gal. .60 - —
tanks dlvd gal. .57 - —
Refd. 95% c.l. dms. dlvd gal. .55 - —
dms. t.c.l. dlvd gal. .62 - —
tanks dlvd gal. .59 - —
Refd., 99%, dms., c.l., dlvd gal. .57 - —
dms. t.c.l., dlvd gal. .64 - —
tanks dlvd gal. .61 - —
Isopropyl benzene (see Cumene)
Isopropyl ether, dms. c.l., dlvd lb. .09½ - —
dms., t.c.l., dlvd. lb. .10½ - —
tanks, dlvd. lb. .07 - —
Isopropyl-N (3-chlorophenyl) carbamate (CIPC) 70% in xylol, dms. c.l., t.l. works lb. .70 - —
dms. t.c.l. works lb. 714 - 814
Isopropylamine (see Mono Di or Tri-)
Isopropyl-N phenyl carbamate, 450-lb fib dms. c.l. t.l. works lb. .73 - —
450-lb fib dms. t.c.l. works lb. .80 - .90
Isoquinoline dms. works lb. .85 - 1.25
Itaconic acid purif. fib dms. c.l., works lb. .54 - —
fib dms. t.c.l. works lb .55 - —
Tech. fib dms., c.l. works lb 44 - —
fib dms. t.c.l. works lb 45 - —

J

J acid, paste, bbls., works, 100% basis lb 2.45 - —
Powd bbls same basis lb 2.50 - 2.85
Jalap root, NF, bls lb. .85 - —
powd., bbls., bxs. lb. 1.00 - —
Japan wax, cs. lb. .30 - .31
Juniper berries bgs lb 15 - —
Juniper berry oil, bots lb. 2.90 - 3.75
Twice rectified bots lb 3.60 - 7.00
Juniper tar NF dms lb 42 - .60
Juniper tar oil NF (see Juniper tar)
Juniper wood oil, tech. ens lb. .38 - .55

K

Kaolin (see also Clay China).
Kaolin NF powd fib dms lb 10 - .12
colloidal, 50-lb. bgs lb. 15½ - .17½
Karaya gum No 1 NF powd. bbls lb. .38 - .43
No. 2, powd., bbls lb. .32 - .34
No. 3, powd., bbls lb. .28 - .30
Koch acid bbls. frt alld. 100% basis lb 1.00 - —
Kola nuts, bgs lb .13 - —

L

L acid, bbls. works lb 1.25 - —
Lacquer diluent, petroleum, 150°-240° F b.r. tanks west coast, ex tax Los Angeles gal. 174 - —
tanks east coast N J N Y gal. .20 - —
Benzene type, tanks, group 3 gal. .1550- —
Toluene type, tanks, group 3 gal. .14375 - —
tanks, Houston, Tex. gal. .16 - —
Lactic acid, edible 50% bbls., dms., c.l., frt. equald lb. .1789- .2740
bbls. dms. 20 or more, frt. equald lb. .1839- .2790
bbls. dms. 5 to 19 frt equald. lb. .1889- .2840
bbls., dms., 1 to 4 frt. equald. lb. .1938- .2890
80%, c.l., bbls., dms., frt. equald lb. .3039- .4625
bbls. dms. 20 or more, frt. equald lb. .3089- .4675
bbls. dms. 5 to 19 frt. equald. lb. .3139- .4725
bbls. dms. 1 to 4 frt. equald. lb. .3189- .4775
Lactic acid, plastic grade 50%, c.l., bbls., works lb. .2740- —
bbls., 20 or more, works lb. .2790- —
bbls., 5 to 19, works lb. .2840- —
bbls. 1 to 4. works lb. .2890- —
80%, bbls., c.l., works lb. .4625- —
bbls., 20 or more, works lb. .4675- —
bbls., 5 to 19, works lb. .4725- —
bbls., 1 to 4, works lb. .4775- —
Tech., 22%, bbls., c.l., works, 100 lbs. 6.80 - —
bbls., t.c.l. works 100 lbs. 7.20 - —
44%, bbls., c.l., works 100 lbs.11.45 -12.70
bbls., t.c.l., works 100 lbs.11.85 -13.10
USP, 85%, cbys lb. .55 - —
Lactose, crystalline edible, bgs., 23,000-lb lots frt equald lb. .14 - —
bgs. 6,000-lb lots frt equald lb. .14½ - —
bgs. 2,000-lb lots frt equald lb .14¾ - —
bgs. 200-lb lots frt equald lb 15¼ - —
Edible lactose in fib dms. ½c higher
Lactose, ferment. grade, bgs., c.l., works lb. .08½ - —
USP fib dms. 30,000-lb lots, frt. equald lb. .21½ - —
fib. dms., 2,000-lb. lots, frt. equald lb. .22¼ - —
fib. dms., 200-1,800-lb. lots, frt. equald lb. .22¾ - —
USP lactose in bgs., ½c. to 1c. lower.
Lactose, USP, spray dried, bgs., t.l., frt equald lb. .18½ - —
bgs., t.t.l., frt. equald lb. .19 - 19¾
Lady's slipper root, bls. lb. 3.50 - 3.75
Lake C red toner, alizarine, bbls. works lb. 1.25 - —
Lamp black bgs. c.l. works lb. .16 - .45
Lanolin, cosmetic, dms., works lb. .27 - .29
USP, anhyd., dms., works lb. .24 - .26
hydrous dms. works lb. 23 25
Lard, cash, dms. lb. .1235 Bid.
Lard oil (see Grease oil).
Larkspur seed, bgs. lb. .35 - —
Laurel leaf oil dms. ens lb. 9.75 -12.50
Laurent's acid, bbls lb. .60 - —
Lauric acid, 90% dms lb. .30 - .32½
tanks lb. .27½ - —
Lauryl alcohol, bots lb. 2.00 - 2.50
n-Lauryl methacrylate, dms., c.l., t.l. works lb. .65½ - —
dms., t.t.l., works lb. .66 - —

Lavandin oil, 22-24%, dms. ....lb. 1.25 - 2.00
Abrial, dms. ....lb. .95 - 1.50
Lavender flowers, medium, bls lb. .75 - .80
Ord., bls. ....lb. .25 - .40
Select, bls. ....lb. 1.10 - —
Lavender flower oil, USP, French, 35-37% ester, cns lb. 3.50 - 5.00
38-42% ester, cns....lb.10.00 -12.00
Spike, Spanish, cns....lb. 2.20 - 2.50
Lead acetate, NF cryst., gran., powd lb. .34½- —
White, cryst., bbls ....lb. .25½- —
gran., bbls. ....lb. .26½- —
powd. bbls ....lb. .26½- —
Lead arsenate, acid powder, dealers, 5-lb. bgs. or larger, c.l., frt alld on 96 lbs. or more lb. .27½- —
3-lb. bgs. or larger, l.c.l., frt. alld lb. .28½- —
1-lb. bgs. c.l. ....lb. .41½- —
1-lb. bgs. l.c.l. ....lb. .42½- —
Lead blue, basic sulfate, bbls., c.l., shipt. point frt. alld lb. .17¼- —
bbls. l.c.l. same basis lb. .18¼- —
Lead carbonate (see Lead, white, basic cabonate)
Lead chloride, dms ....lb. .52 - —
Lead iodide NF V jars lb. 3.82 - —
Lead linoleate fused 26% Pb. dms. lb. .38 - —
Lead metal prime pigs, New York, lb. .11 - —
St. Louis lb.10.80 - —
Lead monosilicate bgs. c.l. works, frt. equald lb. .143 - —
bgs., l.c.l., same basis ....lb. .153 - —
Lead naphthenate liq. 16% Pb, dms., dlvd lb. .19½- —
24% Pb. dms., dlvd ....lb. .24¼- —
Solid, 37% Pb. dms. dlvd ....lb. .31¾- —
Lead nitrate bbls lb. .26¾- —
Lead orthosilicate-gel. 50-60% PbO dms. works lb. .29¾- .34¼
Lead peroxide, tech. powd., bbls.lb. .45 - .50
Lead phthalate dibasic dms. works, lb. .41 —
Lead, red, 95% Pb_3O_4 or less, bbls., c.l., works, frt. equald lb. .13¼- —
bbls., l.c.l., same basis ....lb. .14¼- —
97% Pb_3O_4, bbls c.l. same basis, lb. .1345- —
bbls., l.c.l., same basis ....lb. .1445- —
98% Pb_3O_4, bbls., c.l., same basis, lb. .1360- —
bbls., l.c.l., same basis. ....lb. .1460- —
Lead resinate, precip. 23% Pb, dms., ton lots, dlvd lb. .40¼- —
Lead salicylate normal dms. works, lb. .46 - —
Lead silicate, (see Lead white basic silicate).
Lead sulfate (see Lead, blue, basic sulfate)
Lead tallate, liq. 16% Pb. dms lb. .15 - —
24% Pb. dms ....lb. .18½- —
Solid 30% Pb dms lb. .23¼- —
Lead, white, basic carbonate, bgs., c.l., shipt. pt., frt. alld. lb. .16½- —
bgs., l.c.l., same basis....lb. .17½- —
Lead, white, basic silicate, bgs., c.l., shipt. pt., frt. alld. lb. .15½- —
bgs., l.c.l., same basis....lb. .16½- —
Lead white basic sulfate, bgs., c.l., shipt. pt., frt. alld. lb. .16¼- —
bgs., l.c.l., same basis....lb. .17¼- —
Lecithin, edible, tech. bleached, non-ret. dms. c.l., works, lb. .14 - .15
non-ret. dms. l.c.l. same basis lb. .15 - .16
unbleached, non-ret. dms., c.l., same basis lb. .13 - .14
non-ret. dms. l.c.l. same basis lb. .14 - .15
Lemon bioflavonoid complex, 6lb. dms. 25-lb lots, works lb 9.00 - —
Lemon oil, USP, Calif., cns., dms lb. 3.15 - 4.00
Messina, cns. ....lb. 4.50 - 9.50
Lemongrass oil, cns., dms....lb. 1.00 - 1.50
dl-Leucine dms. works....lb.12.25 -15.00
Licorice root, gran., bls. ....lb .15 - .17
Powd. bls. ....lb. .12 - .15
Whole bls lb .10 - .12
Lignaloe wood oil, Mexican cns lb. 3.25 - 5.50
Lignosulfonate 70% tannin, bgs., c.l. works lb. .06½- —
bgs., l.c.l., works....lb. .06¾- .07
Lime, chemical (quicklime), bulk, c.l., 50,000 lbs., works, E. ton.14.25 - —
Chemical, hydrated, bgs., c.l., same basis ton.17.25 - —
Chemical, spray, bgs., c.l., same basis ton.18.25 - —
For New York delivery, add $6.29 freight charge.
Lime oil, dist., Mexican, cns. ....lb. 6.50 - 6.80
West Indian, cns. ....lb. 6.50 - 6.75
Expressed, West Indian, cns....lb. 8.50 -13.70
Lime salts (see Calcium).
Lime-ammonium nitrogen, 20.5% N (see Ammonium nitrate with dolomite).
Limestone grd., bgs., works ton 3.50 - 4.00
Linalool ex bois de rose oil, dms. lb. 4.35 - 4.65
Ex linaloe wood oil, dms .... lb. 4.20 - 4.65
Syn., dms., works....lb. 4.40 - —
Linalyl acetate ex bois de rose, 90-92%, dms. lb. 4.50 - 5.35
96-98%, dms. ....lb. 5.05 - 6.60
Ex petitgrain, bots. ....lb 4.80 5.90
Syn., dms., works ....lb. 4.40 - —
Lindane, 25% formulation dealers, dms. frt. alld lb. 1.65 - 1.82
Lindane, 99% tech. formulators, dms., frt. alld. lb. 2.65 - 3.25
Linden flowers, with leaves bls lb .25 - —
Without leaves bls lb .30 - —
Linseed meal, expeller, 32% bulk, Minneapolis, mills ton.61.50 - —
Extracted, 34% bulk, same basis. ton.58.00 - —
Linseed oil, raw, dms. c.l., New York lb. .1730- —
dms., l.c.l., New York ....lb. .1830- —
tanks, f.o.b. Minneapolis ....lb. .1370- —
tanks, New York ....lb. .1520- —
tankwagon, New York ....lb. .1560- .1580
Boiled linseed oil .006c per lb. higher
Linseed oil acids, dist., dms....lb. .2030- —
Water-white, dms. ....lb. .2330- —
Linseed pitch, dms ....lb. .06 - .06¼
Litharge, comi., powd., bbls., c.l., works, frt. equald. lb. .12¾- —
bbls., l.c.l., same basis....lb. .13¾- —
Lithium benzoate, dms. lb. 1.65 - 1.67
Lithium bromide, NF, gran., works, frt. equald lb. 2.60 - —
Lithium carbonate, NF, dms., c.l., t.l., dlvd lb. 1.29½- —
dms. ton lots to t.l. dlvd lb. 1.30 - 1.30½
Tech., dms., c.l., t.l., frt. alld. lb. .67 - —
dms., ton lots, same basis....lb. .73 - —
dms., smaller lots, same basis. lb. .79 - —
Lithium chloride, CP, anhyd., dms., ton lots lb. 1.23½- —
Tech., anhyd., dms., c.l., t.l., dlvd. or works, frt. alld. lb. .87 - —
dms., l.c.l., same basis lb. .88 - .92
Lithium citrate, NF, dms., ton lots. lb. 1.50 - —
Lithium fluoride, dms., 20,000-lb. lots, dlvd lb. 2.15 - —
bbls., ton lots and more, dlvd.lb. 2.18½- —
bbls., less ton lots, dlvd lb 2.23½- —
Lithium hydride, powd., dms., 500-lb. lots and more, works. lb. 9.50 - —
Lithium hydroxide, monohydrate, dms. c.l., t.l., frt. alld.lb. .55 - —
dms., l.c.l., frt. alld ....lb. .56 - —

Lithium manganite, dms., works lb. .95 - 1.05
Lithium nitrate, tech., dms., 100-lb. lots lb. 1.15 - 1.25
Lithium salicylate, dms. ....lb. 1.60 - 1.70
Lithium silicate, dms., works....lb. 1.10 - 1.20
Lithium stearate, dms. c.l., works, lb. .47½- —
dms., ton lots, works....lb. .48½- —
dms., less-ton lots, works ....lb. .53½- —
Lithium sulfate, dms. 100-lb. lots, lb. 1.15 - 1.25
Lithium titanate, dms., works....lb. 1.15 - 1.25
Lithol red toner, barium, bbls., works lb. .98 - —
Lithol-rubine red toner, pure bbls., works lb 1.50 - —
Resinated, bbls., works ....lb. 1.47 - —
Lithopone, ord. bgs. c.l. dlvd E. lb. .08¾- —
bgs., l.c.l., dlvd E lb. .09¼- —
Titanated (high-strength), bgs., c.l., dlvd lb. .11 - —
bgs. l.c.l. dlvd lb. .12 - —
Lobelia herb, bls. ....lb. .45 - —
Lobeline sulfate bots., works oz.37.50 -38.50
Locust bean gum, powd. bgs. lb. .38 - .39
Logwood extract, cryst. No. 1, bbls., l.c.l lb .41 - —
No. 2 bbls., l.c.l. ....lb .39 - —
Liq. No. 1, bbls., l.c.l. ....lb .20 - —
No. 2, bbls., l.c.l. ....lb .19 - —
No. 3, bbls., l.c.l. ....lb 18½- —
Solid No. 1 boxes, c.l. ....lb .35 - —
Lycopodeum, cs. ....lb. 9.00 - —
l-Lysine monohydrochloride, dms., 25 lbs. or more lb. 8.00 - —

M

Mace, Siauw, No. 1 bls. ....lb. 2.45 - —
No. 2, whole, bls. ....lb. 2.15 - —
siftings, bls. ....lb. 2.10 - —
Mace oil, dist., cns., dms....lb.12.75 -15.75
Magnesia calcined tech. bgs., etns., frt. equald lb. .25¾- .26½
Tech. syn. rubber grade, light, bgs. c.l. frt equald lb. .29¾- .30½
rubber grade extra light, bgs., c.l. frt equald lb. .29¾- —
bgs., l.c.l. frt. equald. lb. .30½- —
USP, light bgs ....lb. .36½- .37½
heavy fib dms ....lb. .45 - .52
Magnesite, chemical grade, calcined powd. bgs. c.l. works frt equald ton.82.50 - —
Magnesite, chemical grade, dead-burnt, standard grain, bulk c.l. Chawelah Wash ton.46.00 - —
Magnesium bromide cs. jars lb .95 1.00
Magnesium carbonate, tech. bgs., c.l. frt equald lb. .10½- —
bgs. l.c.l. frt equald lb .11 - —
bgs. l.c.l. frt equald lb 12½- .13½
USP, bgs., c.l., frt. equald....lb. .13 - —
bgs. l.c.l. frt equald lb 13½- —
bgs. l.c.l. frt equald lb 14½ 15½
Above prices are quoted f.o.b. works, freight equald, with Metropolitan New York and competitive producing points.
Magnesium chloride, anhyd. 92% flake or pebble dms. c.l., works lb. .12¾- —
dms. l.c.l., works ....lb. .14 - .15
Magnesium chloride, hydrous, 99% flake, bgs. c.l., works.ton.55.00 - —
bgs., l.c.l., works ....ton.65.00 -80.00
Magnesium gluconate, dms. ....lb. 1.42 - —
Magnesium hydroxide, NF powd., dms., 500-lbs. or more, f.o.b., works lb. .24½- .25½
Magnesium lauryl sulfate, dms., c.l. frt alld lb. .21 - —
dms., l.c.l., frt. alld ....lb. .22 - —
tanks, frt alld ....lb. .20 - —
Magnesium metal, 99.8% ingots, 10,000-lb lots or more, works lb. .36 —
Pigs, 10,000-lb lots or more, works lb. .35¼ —
Sticks, cs works frt. alld on carlots lb .59 —
Magnesium nitrate, cryst., dms., works lb. 29 - —
Magnesium oxide (see Magnesia calcined)
Magnesium peroxide, 15% dms., works lb 1.00 1.03
Magnesium phosphate, tribasic, NF, bbls lb .75 —
Magnesium silicate (see Talc)
Magnesium silicofluoride, dms., works lb. .10½ 12
Magnesium sulfate, tech. bgs. c.l. works 100 lbs 2.15 —
bgs. l.c.l. works 100 lbs 2.90 3.15
USP, cryst. bgs. c.l., works 100 lbs. 2.35 —
bgs. l.c.l. 5,000 lbs., 1 with-drawal 100 lbs 3.10 —
bgs. smaller lots 100 lbs 3.35 —

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ONE PRICE — *That Saves You Money*

. . . and Perfect Performance for *Every* Purpose!

M. C. P.

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Unadulterated
California

LEMON OIL

U.S.P.

An *Exclusively First Grade Lemon Oil* . . . Cold Pressed in California . . . and *Packed by the Producer* to Assure Highest Quality

For nearly 30 years, Mutual Citrus Products Co. has been cold-pressing California lemon oil for distribution by others. Now, M.C.P. LEMON OIL is being *prepared and packed* under the M.C.P. label. There is only *one* label and *one* quality – *the highest* – for M.C.P. LEMON OIL. Yet, M.C.P. LEMON OIL costs you *less* . . . while providing a product that is unsurpassed for flavor, purity, and dependability . . . for *every* purpose.

Produced and Packed by

MUTUAL CITRUS PRODUCTS COMPANY

Since 1928 Growers and Processors of Citrus Products

Distributed by

MUTUAL CITRUS PRODUCTS CO.
424 South Atchison Street, Anahiem, Calif.

R. D. WEBB & CO., INC.
137 Boston Post Road, Cos Cob, Conn.

Magnesium trisilicate USP fib. dms., 5,000-lb. lots lb. .38 - —
fib. dms. 1,000-lb lots lb. .40 - —
fib. dms. 100-lb lots lb. .45 - —
Bulky and super grades of magnesium trisilicate, 7c. per lb. higher.
Malachite green, straight, PTMA, bbls., works lb 5.30 - —
Malathion, dms., c.l., works lb. .89 - —
dms., l.c.l., works lb. .92 - 1.01
Maleic acid, cryst. powd., dms lb. .37¼ - —
Maleic anhydride dms. c.l., dlvd. E of Rockies lb. .28¾ - —
dms., l.c.l., dlvd. E of Rockies lb. .29¾ - —
tanks, dlvd E. of Rockies lb. .27¾ - —
Prices on maleic anhydride W of Rockies, 1½c. per lb higher.
Malic acid tech. dms lb. .50 - —
Mandelic acid NF dms. 1,000-lb. lots lb. 2.35 - —
dms. smaller lots lb 2.40 - 2.50
Mandrake root, bls. lb. .55 - —
Manganese acetate dms., dlvd lb. .35 - —
Manganese borate, tech., fib dms. lb. .23½ - —
Manganese carbonate, chemical grade, 46% Mn, bgs., 20,000-lb. lots and more, works lb. .11 - .16
Manganese chloride, CP anhyd., dms., 20,000-lb. lots, works lb. .21¾ - —
Smaller lots, works lb. .23½ - —

Manganese dioxide, African, 83-87%, 40,000 to 99,999-lb. lots, burlap paper lined bgs., gross for net, works ton.148.00 - —
40,000 to 99,999-lb lots, paper bgs., same basis ton.144.50 - —
40,000 to 99,999-lb. lots, dms., same basis ton.152.50 - —
Prices for manganese dioxide in 10,000 to 40,000-lb lots $3 per ton higher.
Manganous gluconate dms. lb. 1.84 - —
Manganese hydrate, dms., dlvd. lb. .35 - —
Manganese hypophosphite, NF. dms. lb. 3.52 - —
Manganese linoleate, liq., 4.35% Mn, dms lb. .35¾ - —
Solid, precip., 8.2% Mn, bbls lb. .41¼ - —
Manganese metal, electrolytic, dms., c.l., dlvd. E lb. .34 - —
dms. ton lots, dlvd E lb. .36 - —
dms., smaller lots dlvd. E lb. .38 - —
Manganese naphthonate, liq., 6% Mn, dms., frt. alld lb. .29¾ - —
Manganese resinate, fused, 3½% Mn, dms lb. .25¼ - —
Precip., 6½-7% Mn. dms lb. .33 - —
Manganese sulfate, fertilizer grade, 65% $MnSO_4$, bgs., c.l., dlvd. S. E ton.97.50 - —
bgs., l.c.l. dlvd S.E ton.104.50 - —
Manganese tallate, 6% dms lb. .24 - —
Mangrove bark, E. African, 38% tannin, bgs., c.l., ex dock ton.64.00 -65.00

Mangrove bark, South American, 30% tannin, bgs., c.l., ex dock ton.47.00 -80.00
Manila copal gum, C, bgs. lb. .35 - .39
DBB, bgs. lb. .25 - .28
DK, bgs. lb. No stocks.
DK, dust, bgs lb. .14 Nom.
MA, soft, bgs lb. .20 - .24
WS, bgs. lb. No stocks.
Mannitol, com'l, fib. dms., top lots, works lb. .60 - —
fib. dms., to ton lots, works lb. .62 - —
fib. dms., single dm., works lb. .65 - —
Marine pitch, dms lb. .04¼ - .05
MBTS (see Mercaptobenzothiazyl disulfide).
MBT (see 2-Mercaptobenzothiazole).
Melamine, bgs., c.l., works lb. .30 - —
bgs., l.c.l., works lb. .31 - —
Menadione, USP, bots gram. .044 - .05
Menhaden oil crude tanks, works, Atl. & Gulf lb. .07 - Nom.
Menthol, nat., USP, Brazilian, cs. lb. 5.00 - 5.25
Japanese, cs. lb. 7.00 - 7.18
Syn. USP racemic cns lb 4.50 - —
2-Mercaptobenzothiazole, bgs., fib, dms., ton lots, works, frt. alld lb. .44 - —
bgs., fib. dms., less ton lots, same basis lb. .46 - —
Mercaptobenzothiazyl disulfide, bgs., fib. dms., ton lots, works, frt. alld lb. .54 - —
bgs., fib. dms., less ton lots, same basis lb. .56 - —
Mercuric chloride, NF, cryst., dms., 50-lb lots or more lb 4.98 - —
gran. or powd., dms., 100-lb. lots or more lb 4.78 - —
Mercuric cyanide, NF VIII powd., fib dms lb. 6.84 - —
Mercuric iodide, red, NF X fib dms. lb. 7.72 - —

Mercuric oxide, red, NF X, powd., 50-lb. lots or more lb. 5.97 - —
Tech., 100-lb. lots or more, works lb. 5.77 - —
Mercuric oxide, yellow, NF X, fib. dms. lb. 6.14 - —
tech., bbls., 1,600-lb. lots lb. 5.52 - —
bbls., smaller lots lb. 5.60 - —
Mercurous chloride (see Calomel).
Mercurous iodide yellow, NF lb. 7.72 - —
Mercury, ammoniated (see White precipitate, USP XV).
Mercury metal, 76 lbs. per flask, net-flask.230.00 -233.00
Mesityl oxide, dms., c.l., dlvd lb. .15 - —
dms., l.c.l., dlvd. lb. .16 - —
tanks, dlvd. lb. .12½ - —
Meta-aminophenol (see m-Aminophenol).
Metachloroaniline (see m-Chloroaniline).
Metanilic acid dms. works lb .57 .75
Metanitroparatoluidine (see m-Nitro-toluidine).
Metanitroaniline (see m-Nitroaniline).
Metaphenylenediamine (see m-Phenylenediamine).
Metatoluidine (see m-Toluidine)
Metatolylenediamine (see 2,4-tolylenediamine).
Methacrylic acid, glacial, 98%, dms., truckloads, works lb. .47 —
dms., smaller lots, works lb. .47½ - .50
tanks, works lb. .45 - —
Methanol, nat., denaturing grade, tanks frt. alld gal. .85 - —
Syn. zone 1, dms. c.l. or t.l. min., dlvd gal. .47½ - —
dms., l.c.l., dlvd gal. .54½ - —
tankwagon, 2,000-4,000 gal. lots, dlvd. Metropolitan area gal. .31 - —
tankwagon, 4,000 gal. min., dlvd gal. .26 - —
tankwagon, 4,000 gal. min., works gal. .25 - —
Syn., zone 2, dms., c.l., or t.l., min. frt. alld. or dlvd gal. .51½ - —
dms l.c.l. works gal. .58½ - —
tankwagon 2,000-4,000-gal. lots, min. dlvd Metropolitan areas gal. .35 - —
tanks, 4,000 gal. min., dlvd. gal. .30 - —
Synthetic methanol zones are Zone 1 is all continental US E. of eastern boundaries of Ariz., Idaho and Utah. Zone 2 is remainder of US west of above state boundaries comprising Ariz., Calif., Idaho, Nev., Ore., Utah and Wash
Methenamine (see Hexamethylenetetramine)
Methionine hydroxyanalogue, (calcium salt) 95% min., dms., t.l., frt. allwd lb. 1.48 - —
dms., l.t.l., to feed manufacturers, same basis lb. 1.64 - —
dms., l.t.l., to pre-mix distributors, same basis lb. 1.55 - —
dl-Methionine, fib. dms. frt. alld. 50-lb. or more lb 3.50 - —
Feed grade, 98%, fib dms., same basis lb. 2.45 - —
Methoxychlor, 50% wettable powder, dealers, dms., cs. frt alld lb. .61 - .64
Methyl abietate, non-ret. dms., c.l., dlvd. zone 1 lb. .21½ - —
non-ret. dms., l.c.l., same basis lb. .22 - .22½
Methyl abietate hydrogenated, non-ret. dms., c.l., dlvd. zone 1 lb. .23½ - —
non-ret. dms., l.c.l. same basis, lb. .24 - .24½
Zone 1 includes New England and Middle Atlantic states, Va., W. Va., N. C., Ohio, Ky., Mich., Ind., Ill., Wis., St. Paul and Minneapolis, Minn.; St. Louis, Mo.; Miss., Ala., Ga., Fla., S. C. and Tenn.
Methyl acetone, nat., dms., t.c.l., E of Miss., frt alld gal. 62½ - —
Syn., dms., c.l., frt. alld E gal. .66 - —
dms. t.c.l., frt. alld. E gal. .72 - —
tanks, frt alld E gal .51 - —
Synthetic methyl acetone E territory comprises all states East of and including Colo., Mont. N Mex. and Wyo West territory is made up of all states west of those four.
Methyl acrylate, dms., c.l., t.l., dlvd. lb. .39 - —
dms., t.t.l., dlvd. lb. .40 - —
tanks, dlvd. lb. .37 - —
Methyl alcohol (see Methanol)
Methyl amyl acetate, dms., c.l., dlvd. E lb. .17 - —
dms., t.c.l., dlvd E lb. .18 - —
tanks, dlvd E lb. .14½ - —
Methylamyl alcohol, dms., c.l., dlvd. lb. .17 - —
dms., l.c.l., dlvd lb. .18 - —
tanks, dlvd. lb. .14½ - —
Methylamyl ketone, dms. works lb 1.05 —
Methyl anthranilate, cns. lb. 2.25 - 2.75
Methyl benzoate cns. dms lb .65 .75
Methyl bromide service organization prices 40 to 375-lb. cyls., large lots frt. alld lb. .62 .68
Methyl cellulose, special vis. (1,500-4,000 cps.) 50-lb bgs., c.l., works lb. .82 - —
50-lb. bgs. 2,000-lb. lots and more, same basis lb. .89 - —
50-lb. bgs. smaller lots, frt. alld on 100 lbs lb. 1.05 - —
Standard vis. (15,400 cps.), 50-lb. bgs., c.l., frt. alld lb. .69 - —
50-lb. bgs., 2,000-lb lots and more, same basis lb. .76 - —
50-lb bgs. smaller lots, frt. alld, on 100-lbs lb. .79 - .89
Methyl chloride indust. cyls., frt. equald lb. .22¼ - —
tanks, multi-unit, same basis, lb. .16¼ - —
tanks, single unit, same basis, lb. .12¾ - —
Refrigerator mfrs., cyls., dlvd lb. .48¾ - —
other consumers or service men, cyls., dlvd lb. .67¾ - —
Methyl chloroform (see 1,1,1-Trichloroethane).
Methyl cinnamate, cns lb. 1.55 - 1.80
Methyl ethyl ketone, dms., c.l., dlvd lb. .15 - —
dms., t.c.l., dlvd lb. .16 - —
tanks, dlvd lb. .12¼ - —
2-Methyl-5-ethyl pyridine, dms., c.l., works lb. .45 - —
dms., t.c.l., works lb. .45¾ - —
tanks, works lb. .43 - —
Methyl formate, refd., dms lb. .35 - .40
Tech., non-ret. dms., any quantity works lb. .10 - —
a-D Methyl glucoside, tech., 100-lb. multiwall paper bgs., c.l., works lb. .21 - —
100-lb. multiwall paper bgs., t.l., min. 23,000 lbs., works lb. .21½ - —
100-lb. multiwall paper bgs., t.t.l. works lb. .23 - —
Methyl heptin carbonate, bots lb. 28.00 -31.00
Methyl p-hydroxybenzoate fib dms. lb 1.90 - 2.00
Methyl ionone, standard, cns. dms. lb. 4.15 - —
Methyl isobutyl carbinol (see Methyl amyl alcohol).
Methyl isobutyl ketone, dms., c.l., dlvd lb. .17 - —
dms., t.c.l., dlvd lb. .18 - —
tanks, dlvd lb. .14½ - —
Methyl methacrylate, dms., c.l., t.l., frt. equald with Belle, W Va lb. .31 - —
dms., smaller lots, same basis lb. .31½ - —
tanks, same basis lb. .29 - —

NOW AVAILABLE FROM RCI

If methanol is a basic material in your production, you now have an excellent new source of supply. Reichhold has added this very useful solvent and versatile chemical intermediate to its fast growing list of basic chemicals.

When you order RCI Methanol, you can expect a high standard of clarity and purity, for Reichhold uses methanol itself in the organic synthesis of many compounds tailored to exacting specifications.

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Synthetic Resins • Chemical Colors • Industrial Adhesives • Phenol
Hydrochloric Acid • Formaldehyde • Glycerine • Phthalic Anhydride
Maleic Anhydride • Sebacic Acid • Ortho-Phenylphenol • Sodium Sulfite
Pentaerythritol • Pentachlorophenol • Sodium Pentachlorophenate
Sulfuric Acid • Methanol

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RCI BUILDING, WHITE PLAINS, N.Y.

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METHANOL

Methyl naphthyl ketone, cryst., cns. lb. 3.00 - 4.30
Methyl parahydroxybenzoate (see Methyl p-Hydroxybenzoate).
Methyl parathion, tech. 80%, dms., c.l., frt. alld. E lb. 1.18 - —
dms., l.c.l., frt. alld E lb. 1.23 - —
Methyl paratmion prices 2c. per lb. higher in West.
Methyl roseaniline chloride, NF., 5-lb. fib. dms lb. 6.90 - —
Methyl salicylate USP cns., 500-lb. tots lb. .62½ .67½
Methyl testosterone USP 100-gram bots gram. No Prices.
Methyl violet toner, molybdated, PMA, bbls., dlvd. E of Rockies. lb. 2.80 - —
Methyl violet toner, tungstated, PTMA bbls. same basis lb 4.35 - —
Methyl violet prices 1c. higher W. of Rockies.
Methylene blue, fib dms. 100-lb. tots frt adjusted lb. 3.25 - —
Methylene chloride, tech., straight or assorted, dms., c.l. or t.l. works lb. .14 - —
dms., l.c.l., t.t.l. works lb. .16¾ - —
tanks, 4,000-gal. min., tank trucks, maximum load limit, works lb. .12½ - —
tanktrucks, 1,000-gal. min., works lb. .13½ - —
b-Methylnaphthalene, 32 C., m.p., dms. works lb .90 - —
Methylpentanediol (see Hexylene glycol)
Methylphenylpyrazolone (see 1-phenyl-3-methylpyrazolone-5)
Methylthionine chloride (see Methylene blue).
Mica, dry-grd. paint plastic, 100 mesh, bgs., c.l., works lb .04 - —
roofing 20 to 80 mesh works lb .02 - —
Mica, wet-grd., biotite, bgs., c.l., works, frt alld E lb. .06½ - —
bgc. l.c.l. ex-whse lb. .07¼ - —
paint or lacq., bgs., c.l., 325 mesh works frt. alld E, lb. .08¼ - —
bgs., l.c.l., ex-whse. or frieght alld. E lb. .09 - —
rubber, bgs., c.l., works, frt. alld. E lb. .08 - —
bgs. l.c.l. ex whse. or frt. alld E lb. .08¾ - —
wallpaper, bgs. c.l. works, frt. alld. E lb. .08¾ - —
bgs. ex-whse or frt alld E. lb. .09 - —
white 5-10 microns, bgs., c.l., works, frt. alld E lb. .08¼ - —
l.c.l., ex-whse., or frt. alld. E. lb. .09 - —
Mica, wet-grd W of Miss ½c higher; W of Rockies 1c higher
Microcrystalline wax, petroleum, coating grades, tankcars, works lb. .10 .11
laminating grades tankcars, works lb. .11 .13
Mineral black, bgs. works lb. .0160- .0673
Mineral oil, white, tech. 50-90 vis., non-ret dms., c.l., f.o.b. refy gal. .62 - —
non-ret. dms., l.c.l., same basis gal. .67 - —
tankcars, refy gal. .46 - —
65-75 vis., non-ret, dms., c.l., same basis gal. .62 - —
tankcars, refy gal. .46 - —
80-90 vis., non-ret. dms., c.l., same basis gal. .63 - —
non-ret. dms l.c.l., same basis gal. .68 - —
tankcars, refy gal. .47 - —
135-138 vis., non-ret. dms., c.l., same basis gal. .69 - —
non-ret. dms. l.c.l., same basis gal. .74 - —
tankcars, refy gal. .53 - —
145-155 vis., non-ret. dms., c.l., same basis gal. .75 - —
non-ret. dms. l.c.l., same basis gal. .80 - —
tankcars, refy gal. .59 - —
USP, 130-190 vis., non-ret. dms., c.l., same basis gal. .77 - —
non-ret dms. l.c.l., same basis gal. .82 - —
tankcars refy gal. .61 - —
200-210 vis., non-ret. dms., c.l., f.o.b., New York gal. .84 - —
non-ret dms. l.c.l., same basis gal. .89 - —
tankcars refy gal. .63 - —
300-350 vis., non-ret. dms., c.l., f.o.b. New York gal. .84½ - —
non-ret. dms. l.c.l., same basis gal. .89¼ - —
tankcars, refy gal. .68½ - —
Mineral orange, American, bbls., c.l., works lb. .1560- —
bbls., l.c.l., same basis lb. .1660- —
Mineral spirits, petroleum, odorless, tanks, refy, Watson, Calif. gal. .25 - —
tanks, Borger, Tex gal. .25 - —
Houston, Tex gal. .25 - —
Philadelphia gal. .32 - —
Newark gal. .29 - —
New York, dlvd gal. .30½ - —
Wood River, Ill gal. .2725- —
tankwagon, New Jersey, dlvd. gal. .37½ - —
tankwagon, New York, dlvd. gal. .38½ - —
Mineral spirits, petroleum, regular, tanks, Calif., ex tax San Francisco gal. .169 - —
tanks, east coast, New Jersey New York gal. .18 - —
tanks, group 3 gal. .12875- —
tanks, Houston, Tex gal. 14.5 - —
tankwagon Boston gal. .20 - —
Buffalo gal. .20½ - —
Chicago gal. .269 - —
Cleveland gal. .23½ - —
Newark gal. .19 - —
New York gal. .19 - —
Philadelphia gal. .19½ - —
Pittsburgh gal. .19 - —
Providence gal. .20½ - —
Mirbane oil (see Nitrobenzene)
MNPT maroon toner, kgs., c.l., works lb 6.30 - —
Molasses, blackstrap, feed grade, tanks, New Orleans gal. .14 - .15
tanks, New York gal. .18 - —
Molybdated orange, bbls lb. .48 - —
Molybdenum metal, powd., 80 or 200 mesh, ctns., works kilo. 7.84 - —
325 mesh, ctns., works kilo. 9.13 - —
Molybdenum trioxide, pure, dms., works lb. 1.15 - —
Tech., dms., works, basis Mo content lb 1.39 - —
Molybdic acid, 85%, dms., works lb. 1.30 - —
Monoallylamine, dms., c.l., dlvd. lb. .985 - —
dms., c.l., dlvd. lb. .995 - —
tanks, dlvd. lb. .96 - —
Monobutylamine, dms., c.l., dlvd. E. of Rockies. lb. .57½ - —
dms., l.c.l. same basis lb. .58½ - —
tanks, same basis lb. .53 - —
Monochloracetic acid, purif. (see Chloroacetic acid, mono).
Monochlorobenzene, dms., c.l., frt. alld. or dlvd. E. lb. .10½ - —
dms., l.c.l. same basis lb. .11½ - —
tanks, same basis lb. .08¾ - —
Monoethanolamine, dms., c.l., dlvd. E lb. .27½ - —
dms., l.c.l., same basis lb. .28½ - —
tanks, same basis lb. .25 - —
Monoethylalphanaphthylamine (see N-Ethyl-a-naphthylamine).
Monoethylamine, 70% aqueous solution, dms., c.l., dlvd. E. 100% basis lb. .38½ - —
dms., l.c.l. dlvd. E. 100% basis, lb. .40 - —
tanks, dlvd. E. 100% basis lb. .35 - —
Monoethylaniline (see N-Ethylaniline).
Monoethyliorthotoluidin (see N-Ethyl-o-toluidine).
Monoisopropanolamine dms. c.l., dlvd E lb. 27½ - —
dms., l.c.l., same basis lb. 28½ - —
tanks, same basis lb. 25 - —
Monoisopropylamine anhyd., dms., c.l. dlvd lb. .33½ - —
dms., l.c.l., same basis lb. .34½ - —
tanks, same basis lb. .31 - —
Monomethylamine, anhyd., cyls., l.c.l., frt. equald, 100% basis lb. .33 - .335
tanks, same basis lb. .29 - —
30-35% soln., dms., c.l., frt. equald, 100% basis lb. .39 - —
dms., l.c.l., frt equald, 100% basis lb. .39½ - —
tanks, frt equald 100% basis. lb. .29 - —
40% soln., dms., frt. equald., 100% basis lb. .38 - —
dms., l.c.l., frt equald. 100% basis lb. .36½ - —
tanks, frt. equald. 100% basis. lb. .29 - —
Monopentaerythritol, tech., bgs., c.l., dlvd. E lb. .29½ - —
bgs., l.c.l., dlvd. E lb. .30½ - —
Monopotassium glutamate dms., 1,000-lb. lots, frt alld lb 3.05 - —
dms. 100-lb lots, same basis lb 3.25 - —
Monosodium glutamate, dms., any quantity, dlvd lb. 1.07 - —
Monosodium phosphate (see Sodium phosphate monobasic)
Moro-tertiary-butylmetacresol (see 4-tert-Butyl m-cresol)
Montan wax dom retd bgs lb .29 .30
Imp., crude, Bohemian, bgs lb. .22 - .24
German bgs. lb. .26 - .27
Morphine cns oz 12.40 12.60
Morphine acetate anhyd. cns oz 9.95 10.00
Morphine hydrobromide cns oz 9.90 9.95
Morphine hydrochloride NF cns. oz 9.90 9.95
Morphine sulfate USP cns oz 9.90 10.05
Morpholine, dms. c.l. dlvd E lb .53¼ —
dms., l.c.l., dlvd E lb .56¼ —
tanks, dlvd E lb 52¾ —
Muriatic acid (see Hydrochloric acid)
Musk, syn. ambrette fib dms., 100-lb lots lb 4.45 5.15
cns., 25-lb. tots lb 5.05 5.65
cns., 5-lb tots lb 5.20 5.50
Ketone fib dms. 100-lb lots. lb 4.70 5.30
cns., 25-lb tots lb 5.35 —
cns., 5-lb tots lb 5.45 - —
Xylol, fib. dms., 100-lb. lots lb 1.40 - —
cns. 25-lb tots lb 1.45 —
cns., 5-lb tots lb 1.50 —
Mustard seed, Danish, yellow, bgs lb. .10¾ - —
Montana, yellow, bgs. lb. .10½ - —
Montana, No. 1, Oriental, bgs. lb. .08½ - —
Mustard oil syn. bots lb 1.60 1.85
Mustard seed oil nat dms lb 17½ Nom
Myristic acid, dms. lb. 23 - .25½
tanks lb 22¾ —
Myrobalans, Bombay ton. 44.00 -45.00
J-1, genuine, bgs., ex dock ton. 50.00 -51.00
J-1, crushed, bgs., ex dock ton. 65.00 -66.00
Myrobalans, extract, Indian, solid, 55% tannin bgs., ex dock, plus duty lb. .10½ .10¾
Myrrh gum cs. lb. .50 .55

N

Naphtha, high solvency (see Solvent naphtha petroleum).
Naphtha, petroleum, cleaner's, 140°F, flash tanks east coast, New Jersey and New York gal. .18 - —
tanks, group 3 gal. .15 - .15½
tanks, Houston, Tex gal. .17 - —
tankwagon, Newark gal. .19 - —
New York gal. .19 - —
Philadelphia gal. .19½ - —
Naphtha, VM&P, petroleum, 225°-300°F., b.r., tanks, west coast, Los Angeles gal. .174 - —
Portland, Ore gal. .18 - —
San Francisco gal. .179 - —
Seattle, Wash. gal. .18 - —
east coast, New Jersey and New York gal. .19 - —
group 3 gal .13875 —

What Blockson Service Means

In Texas, New England, beyond the Rockies... you'll find Blockson customers within a stone's throw from some local phosphate source. Ask any of them why they favor Blockson and you get pretty much the same answer.

"Blockson ships us the phosphates when we want them."

A typical phone call to Blockson shows you what they mean:

An East Coast buyer phones collect to order a mixed car of phosphates, and includes Sodium Silicofluoride and Sodium Fluoride in the car.

"How soon can I get that car?"

"Hold the phone...We'll move the car for you tomorrow — usual routing. We'll wire the car number and trace it... You can look for it Thursday."

This is ordinary routine at Blockson, but it is extraordinary in two important particulars.

FIRST: *At our end, the entire sales, service and traffic operation was handled on the buyer's first and only phone call. There was no cross correspondence, no branch-to-home-office time lag.*

SECOND: *The buyer talked only to one man. This man has the job of taking the red tape out of sales, service and shipping.*

Incidentally, if the buyer had phoned to change, add to, or re-route his order, he would get the same spot service.

Such routine promptness in speeding your chemicals to you is almost without parallel in a company that does so large a volume as Blockson. That's because we use organization to clear the decks instead of cluttering them.

We can put this organization to work for you. Try us.

BLOCKSON IS A MAJOR PRODUCER OF:

- Sodium Tripolyphosphate
- Tetrasodium Pyrophosphate
- Trisodium Phosphate Crystalline • Monohydrate
- Trisodium Phosphate Chlorinated
- Disodium Phosphate Crystalline • Anhydrous
- Monosodium Phosphate Anhydrous • Monohydrate
- Sodium Polyphos*
- Sodium Acid Pyrophosphate
- Tetrapotassium Pyrophosphate
- Sodium Fluoride
- Sodium Silicofluoride
- Hygrade Fertilizer
- C-29 Sequestering Agent
- Teox 120 (Nonionic Surfactant)
- Hydrofluoric Acid
- Sulfuric Acid

*Sodium Hexametaphosphate—Sodium Tetraphosphate

OLIN MATHIESON CHEMICAL CORPORATION — BLOCKSON

BLOCKSON CHEMICAL COMPANY • Joliet, Ill.
Division of Olin Mathieson Chemical Corporation

WAREHOUSE STOCKS AT ALL BLOCKSON DISTRIBUTORS

Naphtha, VM&P, petroleum, tank-wagon, Boston..gal. .21½- —
Chicago .....gal. .299 - —
Cleveland .....gal. .24½- —
Houston, Tex. .....gal.15.5 - —
Newark .....gal. .20½- —
New York .....gal. .20½- —
Philadelphia .....gal. .21½- —
Pittsburgh .....gal. .20 - —
Naphthalene crude, dom., 74°, tanks, frt equald lb. .06¼- —
78°, bgs., c.l., same basis lb. .07½- .08
bgs., l.c.l., same basis lb. .07¾- .08¼
tanks, same basis lb. .07 - —
Imp. 78° bgs., large lots..lb. .04¼- .04½
Refd., indust., chipped, crushed, bgs., frt. equald.....lb. .12½- —
tanks, same basis lb. .11¾- —
Refd., indust., balls, flakes, wholesalers, jobbers, bbls., c.l., same basis lb. .15½- —
cs. 50 lbs. c.l., same basis. lb. .15¾- —
1-lb pkgs. c.l., same basis lb. 18½- —
a-Naphthol bbls., frt alld ..lb 1.00 - —
b-Naphthol, tech., flake, bbls., c.l., works lb. .33 - —
bbls., l.c.l., works lb. .35 - —
Naphthol ITR red toner, bbls., works lb 8.50 - —
1-Naphthol-3,6-disulfonic 8-amino acid (see H acid)
1-Naphthol-4 sulfonic acid (see Nevile and Winther's acid)
1-Naphthol-5-sulfonic acid (see L acid).
1-Naphthol-5-sulfonic 8-amino acid (see S acid)
2-Naphthol-6,8-disulfonic acid (see Gamma acid).
Naphthol sulfonic mixed acid (see Cleve's acid).
a-Naphthylamine, bbls., frt. alld lb. .50 - —
b-Naphthylamine, tech., flake, bbls., works lb. 1.60 - —
1-Naphthylamine-5-sulfonic acid (see Laurent's acid).
2-Naphthylamine-4,8-disulfonic acid (see Cassella acid).
2-Naphthylamine-1-sulfonic acid (see Tobias acid)
2-Napthylamine-6-sulfonic acid (see Broenner's acid).
2-Naphthylamine-7-sulfonic acid (see F acid).
Naringin, fib dms. lb 8.50 —
Neatsfoot oil, 15° cold test, dms lb. .30 - .33
20° cold test, dms. lb. .29 - .32
30° cold test, dms lb. .28 - .31
Neocinchophen, USP, dms., frt. adjusted lb 7.00 - 8.00
Neomycin sulfate, fib. dms. 1-kilo basis activity gram. .35 - —
fib. dms. 100-999-gram lots, basis activity gram. .40 - —
Neroli oil, NF, French, bots..... lb.550.00 -575.00
Tunisian, bots. ..... lb.400.00 - —
Nerolin, cns ..... lb. 2.55 - 2.85
Nevile and Winther's acid, dms., frt. alld lb 1.30 - —
Niacinamide (see Nicotinamide)
Nickel acetate, bbls., dlvd. ..... lb. .68½- .75½
Nickel carbonate, bbls., dlvd. ... lb. .78¼- .85¼
Nickel chloride, bbls., dlvd. .... lb. .37 - .45
Nickel fermate, bbls., ton lots, frt. alld lb. .72 - .73
Nickel metal, electro cathodes, cs., works lb. .74 - —
Nickel nitrate, bbls., works..... lb. .32½- .33½
Nickel oxide, black, bbls. ..... lb. .84 - —
Green, bbls. ..... lb. .85 - —
Nickel sulfate, bgs., c.l., dlvd.. lb. .28 - —
bgs., l.c.l., dlvd. ..... lb. .28½- .36
Nicotinamide, USP, dms., frt. adjusted kilo. 9.50 - 9.80
Nicotinamide hydrochloride, dms., frt. adjusted kilo. 9.50 - 9.80
Nicotine sulfate, 40%, dealers, 50-lb. dms., frt. alld lb. 1.20 - —
40%, manufacturers, 500-lb. dms., frt. alld lb. 1.05 - —
Nicotinic acid USP, dms., dlvd. kilo. 8.00 - 8.30
Nicotinic amide, USP (see Nicotinamide).
Niger seed, bgs..... lb. .10¼- —
Nikethamide, cbys. ..... lb. 5.00 - —
Nitric acid, 36° Be., cbys., c.l., works, E 100 lbs. 5.75 - —
cbys., l.c.l., works, E 100 lbs. 6.05 - 6.85
38° Be., cbys., c.l. works, E. 100 lbs 6.25 - —
cbys. l.c.l. works E 100 lbs 6.55 - 7.35
40° Be, cbys., c.l., works E. 100 lbs. 6.75 - —
cbys., l.c.l., works, E 100 lbs 7.05 - 7.85
42° Be. cbys., c.l., works, E. 100 lbs. 7.25 - —
cbys., l.c.l., works E 100 lbs. 7.55 - 8.35
Nitric acid, 58.5 to 68% HNO_3, tanks, works, 100% basis 100 lbs. 3.90 - —
94½ to 95½% HNO_3, tanks, works, 100% basis 100 lbs 4.90 - —
CP, NF, consumer, cbys. extra, c.l., works lb. .18½- —
carboys, extra, l.c.l., works, lb. .20 - —
5-pt. bots, extra, cs. c.l., same basis lb. .22½- —
5-lb. bots., extra, cs., l.c.l., same basis lb. .24 - .25
m-Nitroaniline, cryst., dms., frt. alld lb. 1.15 - —
Paste, dms., frt. alld., 100% basis. lb. 1.10 - —
o-Nitroaniline, flaked, dms., t.l., frt. alld lb. .49 - —
dms., l.t.l., frt. alld. ..... lb. .51 - —
o-Nitroaniline orange toner, kegs, lb. 1.35 - —
p-Nitroaniline dms., frt. alld... lb. .445 - —
Nitrobenzene, dbl. dist., dms., c.l., frt. alld lb. .13 - —
dms., l.c.l., frt. alld..... lb. .14 - —
tanks, frt. alld. ..... lb. .11 - —
p-Nitrobenzoic acid, dms., c.l., works lb. .66 - —
dms., l.c.l., works..... lb. .67 - —
Nitrocellulose, ester-soluble, 30-35 cps., ¼, ½, ¾, 5-6, 15-20, 30-40, 60-80, 125-175, seconds, bbls., c.l., works lb. .38 - —
bbls., l.c.l., same basis lb. .39 - .41
18-20 cps. bbls. c.l. same basis. lb. .40 - —
bbls. l.c.l., same basis lb. .41 - .43
Ester-soluble, 250-400, 600-1,000 seconds, bbls., l.c.l., same basis lb. .43 - .46
Spirit-soluble, 30-35 cps. ¼, ½ seconds bbls. c.l. same basis lb. .43 - —
bbls., l.c.l. same basis lb. .44 - .46
5-6 cps., 40-60 seconds, bbls., c.l., same basis ..... lb. .42 - —
bbls. l.c.l. same basis. lb. .43 - .45
Denatured alcohol used in the manufacture of nitrocellulose is charged extra. Drums extra but returnable
o-Nitrochlorobenzene dms. c.l., frt. alld lb. .15 - —
dms. l.c.l. same basis ..... lb. .16 - —
tanks, same basis ..... lb. .13 - —
p-Nitrochlorobenzene, dms. lb. .26 .27
Nitroethane dms. c.l. dlvd. E lb. .24 - —
dms. l.c.l. dlvd E ..... lb. .24¾ - —
tanks dlvd E ..... lb. .22½- —
Nitroethane prices West of Rockies are 1c. higher.
Nitrogen solutions, tanks, frt. equald..unit. 1.10 - —
Nitrogenous process tankage, bulk, works unit-ton. 3.25 - 4.00
Nitrogenous sewage sludge, bulk, f.o.b. Chicago, works, unit-ton. 2.60 - .50
Nitrometnane dms. c.l. dlvd. E lb. .24 - —
dms., l.c.l. dlvd. E ..... lb. .24¾- —
tanks, dlvd E ..... lb. .22½- —
Nitromethane prices West of Rockies are 1c higher.
a-Nitronaphthalene, bbls. frt. alld. lb. .31 - —
o-Nitrophenol, dms, works, frt. equald lb. .94 - —
p-Nitrophenol, dms. c.l., frt. alld. lb. .51 - —
dms. l.c.l. frt. alld ..... lb. .53 - —
1-Nitropropane dms., c.l., frt alld. E. of Rockies lb. .22½- —
dms., l.c.l., same basis lb. .23½- —
tanks, same basis lb. .21 - —
2-Nitropropane, dms., c.l. frt. alld. E. of Rockies lb. .18½- —
dms., l.c.l. same basis lb. .19½- —
tanks, same basis lb. .16 - —
Nitropopane prices West of Rockies are 1c per lb higher
o-Nitrotoluene, dms., c.l., frt. alld. lb. .13 - —
dms., l.c.l., frt. alld..... lb. .14 - —
tanks, frt. alld..... lb. .11 - —
p-Nitrotoluene, tech., flake or solid, l.c.l., dms., works lb. .30 - —
m-Nitro-o-toluidine, dms lb. 1.43 - —
Nonylphenol, dms., c.l., frt. alld. lb. .22 - —
dms., l.c.l., frt. alld ..... lb. .23 - —
tanks, frt. alld lb. .19½- —
Nonylphenol prices on shipments to Western States are 2c. higher.
Nutgalls Aleppo ngs lb. .35 - .38
Chinese bgs lb No prices.
Nutmeg, East Indian, bgs. ....lb. 2.00 - —
West Indian, bgs. .....lb. 1.85 - —
Nutmeg oil USP dist, East Indian cns. .lb.12.00 -15.75
West Indian, dms. .....lb.12.25 -15.75
Nux vomica, bls. .....lb. .12 - —
Powd., bbls., bxs. .....lb. .18 - —

O

Ocher (see Iron oxide yellow, nat.).
Ocotea cymbarum oil, dms..... lb. .40 - .70
Octane, indust., tanks, Bayonne, N.J gal. .20 - —
Borger, Tex ..... gal. .15¾- —
1-Octanol, tech., ems., c.l., dlvd., Zone 1 lb. .37 - —
dms., l.c.l., dlvd..... lb. .39 - —
tanks, dlvd. ..... lb. .34½- —
Octyl alcohol, perfumer's grade, bots lb. 1.60 - 3.25
Octyl alcohol, tech. (see 1-Octanol, tech).
Octyl phenol, bgs., c.l., works lb. .24 - —
bgs., l.c.l., works ..... lb. .24½- —
tanks, works ..... lb. .23 - —
Octyl phenol in dms., 11c. higher.

Oils

Oil quotations are listed individually. For example, prices on Oil, coconut, may be found in the C's under Coconut oil.

Oiticica oil, liq., dms..... lb. .18 - .18¼
tanks ..... lb. .16½- —
Oleic acid, dbl.-dist. (white), dms.lb. .17¾- .20¼
tanks ..... lb. .15¼- —
Single-dist., dms. ..... lb. .16½- .19
tanks ..... lb. .14 - —
Oleo oil, extra, dms. ..... lb. .19 - .19¼
Oleostearine, dms. ..... lb. .15 - .15½
Oleum (see Sulfuric acid, fuming).
Olibanum gum, siftings, cs..... lb. .20 Nom.
Tears, cs..... lb. .22 - .30
Olibanum oil, bots..... lb. 6.50 - 7.65
Extra fine, bots. ..... lb. 8.00 - 9.50
Olive oil, edible, dms., spot duty-paid, gal. 2.40 - 2.50
Olivine, crude, works..... ton.12.00 - —
20 mesh, works.....ton.15.00 - —
100 mesh, works.....ton.20.00 - —
Opium, USP cns .....oz.19.20 -19.45
gran., cns. .....oz.21.65 -21.90
powd., cns..... oz.21.65 -21.90
Orange oil, expressed, USP, Brazilian, cns., dms lb. No stocks.
California, cns., dms.....lb. 2.80 - 3.35
Florida, cns., dms.....lb. 2.00 - 2.30
Messina, cns .....lb 3.85 - 3.85
West Indian, cns., dms....lb. 2.50 - 3.85
Sweet, dist., cns., dms.....lb. 1.25 - —
Orange peel, bitter, Haitian, bls lb. .14 - .16
Sweet .....lb. .25 - .30

Only Exchange Brand Orange Oil goes so far!

Because it comes only from California oranges, richer in flavor strength, more intense in aromatic constituents. It is made and guaranteed by the Sunkist Growers, whose experience and skills in citrus-product manufacture are unmatched.

You insure your reputation on the flavor of your product. You safeguard it by using only Exchange Brand Orange Oil, U.S.P. You can depend on it to turn out a superior product—batch after batch, year after year.

Ask your distributor for Exchange Brand Orange Oil—in the sealed container. It adds so little to the cost of your finished goods that you cannot afford to pay less.

EXCHANGE BRAND
ORANGE OIL, U.S.P.
Exchange
CALIFORNIA COLD PRESSED

Sunkist Growers PRODUCTS DEPARTMENT
ONTARIO, CALIFORNIA
Distributed in the U.S. and Canada by

DODGE & OLCOTT, INC.
180 Varick St., New York 14, N.Y.

FRITZSCHE BROTHERS, INC.
76 Ninth Ave., New York 11, N.Y.

UNGERER & COMPANY, INC.
161 Avenue of the Americas, New York 13, N.Y.

Inquiries from countries other than the U.S. and Canada should be directed to the Sunkist Growers, Products Department.

Orange Pigments

Orange pigment quotations are listed individually. For example, prices on Orange, chrome, may be found in the C's under Chrome orange.

Origanum oil, Spanish, cns.....lb. 1.80 - 2.30
Orris root, Florentine, bls .....lb .55 - —
powd. bbls. bxs .....lb .68 - —
Verona bls .....lb .35 - .40
powd., bbls., bxs .....lb. .44 - —
Orthoanisidine (see o-Anisidine)
Orthochlorobenzaldehyde (see o-Chlorobenzaldehyde)
Orthochloroaniline (see o-Chloroaniline).
Orthochlorobenzoic acid. (see o-Chlorobenzoic acid).
Orthochloroparanitroaniline (see 2-Chloro-4-nitroaniline)
Orthochlorophenol (see o-Chlorophenol).
Orthocresol (see o-Cresol)
Orthocresotinic acid (see 2,3-Creosotic acid).
Orthodichlorobenzene (see o-Dichlorobenzene).
Orthonitroaniline (see o-Nitroaniline)
Orthonitrochlorobenzene (see o-Nitrochlorobenzene)
Orthonitroparachlorophenol (see 2-Nitro-4-Chlorophenol)
Orthonitrophenol (see o-Nitrophenol).
Orthonitrotoluene (see o-Nitrotoluene).
Orthophenetidine (see o-Phenetidine)
Orthophenylphenol (see o-Phenyl phenol).
Ortho-tertiary amylphenol (see o-tert-Amylphenol)
Orthotolidine (see o-Tolidine base).
Orthotoluidine (see o-Toluidine)
Osage orange, cryst. No 1, bbls. l.c.l lb. .40 - —
Extract liq., No 1. bbls., l.c.l., lb. .19 - —
Ouabain USP. bots gram 3.00 4.00
Ouricury wax, crude, bgs.....lb. .79 Nom.
Refd., pure, bgs .....lb. .90 Nom.
Oxalic acid, bbls. c.l., works ..lb. .18½- —
bbls., 10,000-lb tots, works...lb. .18¾- —
bbls., smaller tots, works ..lb. .19¾- —
b-Oxynaphthoic acid, 5lb. dms., 250 lbs or more, frt. alld lb. 1.14 1.17
Oxyquinolin sulfate, cns 100-lb. lots, works lb 4.75 5.00
cns. smaller tots, works .... lb 4.92 5.17

P

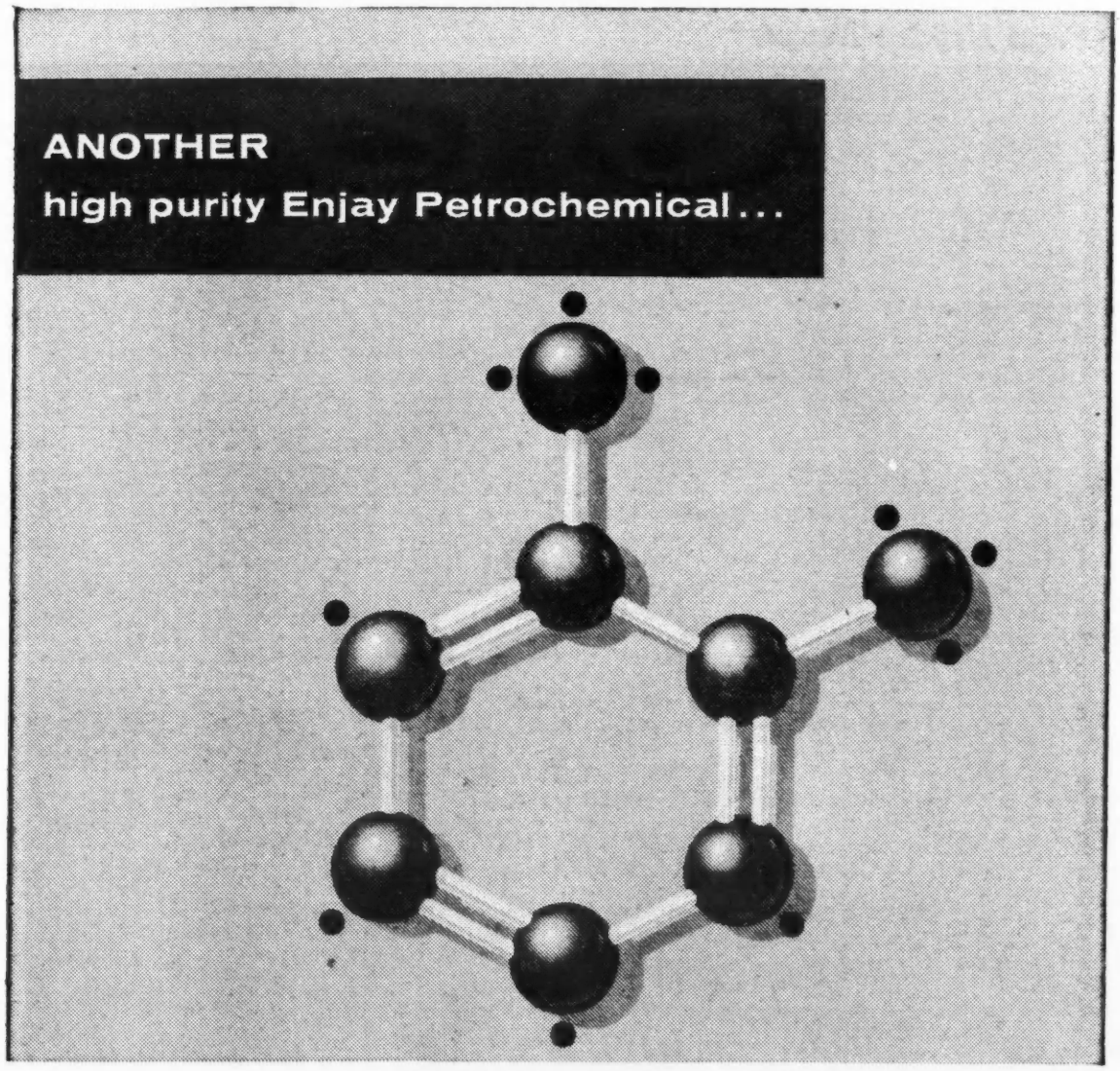
Palm oil, clarif., dms. .....lb. .14 - .15
tanks .....lb. .11¾- —
Palm oil acid, dist., dms. .....lb. .15¾- .19¼
tanks .....lb. 13⅜ .14¼
Palmarosa oil, cns.....lb. 4.25 - 6.00
Papain, purified .....lb. 9.00 -12.00
Papaverine hydrochloride, nat. or syn. USP cns., 25-oz. to 100-oz. lots oz. 5.00 - —
cns., smaller lots oz. 5.05 - 5.20
Papaverine sulfate, nat. or syn., USP, cns oz. 7.10 - 7.35
Paprika, Bulgarian, bgs. .....lb. .27 - —
Hungarian, bgs. .....lb. .32 - —
Hungarian, bgs. .....lb. .31 - —
Spanish, bgs. .....lb. .37 - .47
Yugoslavian, bgs.....lb. .32 - —
Para-aminobenzoic acid (see p-Aminobenzoic acid)
Para-aminosalicylic acid (see p-Aminosalicylic acid).
Parachlorobenzoic acid (see p-Chlorobenzoic acid)
Paramethylphenylcinchonic acid (see Neocinchophen)
Paranitrobenzoic acid see p-Nitrobenzoic acid).
Paratoluidinemetasulfonic acid (see p-Toluidine m-sulfonic acid).
Para-aminophenol (see p-Aminophenol).
Parachloro-orthonitroaniline (see 4-Chloro-2 nitroaniline)
Para-anisidin (see p-Ansidine).
Parachloraniline (see p-Chloranilne).
Parachlorobenzaldehyde see p-Chlorobenzaldehyde).
Parachlorophenol (see p-Chlorophenol).
Paracresol (see p-Cresol).
Paradibromobenzene (see p-Dibromobenzene).
Paradichlorobenzene (see p-Dichlorobenzene).
Para toner, red, bbls. .....lb. 1.21 - —
Chlorinated kgs. .....lb. 1.35 - —
Paraffin, crude, scale white, 123°-127°F. ASTM, tanks, refy. lb. .0710- —
fully refd., 122°-124°F, ASTM, tanks, refy. lb. .0815- —
125°-127° F. ASTM, tanks, refy. lb. .0815- —
130°-132°F. ASTM tanks, refy. lb. .0815- —
132°-134° F., ASTM, tanks, refy. lb. .0815- —
135°-137°F. ASTM, tanks, refy. lb .0815- —
AMP temperatures are an arbitrary 3°F higher than ASTM
Paraffin oil, pale, 100-110 vis. at 100°F., tanks, east coast refy gal. .14 - —
Paraffin wax (see Paraffin)
Paraformaldehyde 91% flake, bgs., c.l., frt. alld. lb. .0955- —
bgs., l.c.l., frt. alld.....lb. .1155- .1255
91%, powd., bgs. c.l., ex whse lb. .167 - —
bgs. l.c.l. ex whse.....lb. .182 - —
USP X, fib dms., c.l. .....lb. .19 - —
fib dms., 1,000-lb. lots.....lb. .20 - —
fib dms., smaller lots lb. .21½- —
Paraldehyde, tech., 98%, 55-gal. dms., t.l., dlvd lb. .14 - —
55-gal dms., l.c.l., dlvd. lb. .15 - —
tanks dlvd. lb. .11½- —
Paranitroaniline (see p-Nitroaniline).
Paranitrochlorobenzene (see p-Nitrochlorobenzene)
Paranitrotoluene (see p-Nitrotoluene).
Paranitrophenol (see p-Nitrophenol).
Paraphenetidine (see p-Phenetidine).
Paraphenylenediamine (see p-Phenylenediamine).
Paraphenylphenol see p-Phenylphenol)
Para-tertiary-amylphenol (see p-tert-Amylphenol)
Para-tertiary butylphenol (see p-tert-Butylphenol)
Parathion ethyl dms. c.l. frt. alld. lb. 1.36 - —
dms. l.c.l. frt alld. .....lb. 1.41 - —
Parathion prices 2c. per lb. higher in West
Paratoluenesulfonamide (see p-Toluenesulfonamide).
Paris green, dealers, 100 lb. dms., frt. alld. lb. .45 - —
Passion flower herb bls. .....lb. No stocks.
Patchouli oil, dms. .....lb. 5.00 - 5.75
Peach kernel oil USP. (see Apricot kernel oil).
Peacock blue, fugitive, 100% color strength, 250-lb., bbls., dlvd. E. of Rockies..lb. 1.00 - —
Peaccok blue price 1c. higher W. of Rockies
Peanut meal, 45% old process, bgs., mills..ton.73.00 Nom.
Peanut oil, crude, tanks, f.o.b. mills. lb. .17¼ Nom.
Refd., dms. .....lb. .22½- .23¼
tanks .....lb. .20½- —

Pectin, dom., NF, citrus, powd., bbls. lb. 2.05 - 2.06
Dom., tech powd., 150 jelly grade, lb. 1.28 - —
Imp., Danish, ex whse. .....lb. 1.28 - —
Penicillin potassium, cryst., bulk, 1,000,000 units. .0675- .0700
Penicillin, procaine, bulk 1,000,000 units. .0675 -.0700
Penicillin, sodium, bulk 1,000,000 units. .0775- .0800
Pennyroyal oil, USP, imported, cns. lb. 2.30 - 3.10
Pentachlorophenol, bgs. c.l., t.l., works, frt. equald lb. .22 - —
bgs., l.c.l., same basis .....lb. .23½- .30
Pentachlorophenol in dms. 1c. higher.
Pentaerythritol, tech., bgs. c.l., dlvd lb. .29½- —
bgs., l.c.l., dlvd. .....lb. .30½- —
Pentaerythritol, di- and tri-isomers (see Dipentaerythritol and Tripentaerythritol)
Pentane, indust., tanks Tex refy. gal. .14 - —
Pentobarbital, dms., 100 lbs or more lb. 6.00 - —
Pepper, Malabar black, spot, bgs. lb. .30¼- —
Lampong, black, bgs. .....lb. .30 - —
Sarawack, black, bgs.....lb. .26¼- —
Red, Funtuas, spot, bgs. ....lb. .33 - —
Gondars, bgs. .....lb. .26 - —
Japanese, hontaka, bgs. ....lb. .28 - —
Santaka, bgs. .....lb. .25 - —
Sudanese, bgs. .....lb. .32 - —
Zanzibar, bgs. .....lb. .44 - —
White, Muntok, bgs.....lb. .40 - —
Peppermint leaves, dom., USP, bls., dms lb. .70 - .75
Imp., USP, bls. .....lb. .85 - —
Peppermint oil, nat., dms.....lb. 4.50 - 5.50
Redist., USP, dms.....lb. 4.60 - 5.35
Perchloroethylene, dms., c.l., or t.l., dlvd lb. .13⅛- —
dms., l.c.l., dlvd.....lb. .15⅛- —
tanks, dlvd. .....lb. .11⅜- —
tanktruck, 1,000 gal. min., dlvd. lb. .12¼- —
Peri acid, dry bbls., frt. alld...lb. 1.35 - —
Paste, bbls. frt. alld .....lb. 1.30 - —
Peru balsam, dms. .....lb. 1.30 - 1.95
Persic oil, USP (see Apricot kernel oil).
Petitgrain oil South American, cns., dms lb. 2.35 - 2.95
Petrolatum, cream dms. c.l., refy. lb. .07¾- —
dms., l.c.l., dlvd .....lb. .10⅛- —
tanks, refy .....lb. .05½- —
Extra amber dms. c.l., refy .lb. .06¾- —
dms., l.c.l., dlvd .....lb. .09⅛- —
tanks, refy .....lb. .04½- —
Lily white, dms., c.l., refy.....lb. .06½- —
dms., l.c.l., dlvd .....lb. .10½- —
tanks, refy .....lb. .05⅞- —
USP, snow white, dms., c.l., refy. lb. .08⅝- —
dms., l.c.l., dlvd .....lb. .11 - —
tanks, refy .....lb. .06¾- —
soft yellow, dms., c.l., refy..lb. .06¾- —
dms., l.c.l., dlvd .....lb. .09⅛- —
tanks, refy .....lb. .04½- —
Petroleum pitch (see Asphalt, petroleum).

Petroleum Products

Petroleum product quotations are listed individually. For example, prices on Petroleum, mineral spirits, may be found in the M's under Mineral spirits, petroleum.

Petroleum sulfonate oil: soluble, 60-62% sulfonic content, non-ret dms. c.l., works lb 16½ 18¾
non-ret. dms. l.c.l. works.lb. .17½ 19
tanks, works lb. .14½ 17
50-55%, sulfonic content, non-ret. dms. c.l., works lb. .16 —
non-ret. dms. l.c.l., works.lb. .17 - —
tanks, works .....lb. .13 - —
o-Phenetidine dms. c.l. frt alld. E lb 91 - —
dms., l.c.l., same basis lb 93 - —
p-Phenetidine, dms., c.l., frt. alld. lb 1.03 - —
dms., same basis lb 1.08 - —
Phenobarbitol, USP, dms. 100-lb lots lb 3.25 - —
Phenobarbital-Sodium (See sodium phenobarbital).



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Phenol, 90-92% (cresol 8-10%), non-ret dms., frt alld E of Rockies	lb.	.18	—
non-ret dms., t.c.l. same basis	lb.	.19	—
tanks same basis	lb.	.16	—
82-84% (cresol 16-18%), non-ret, dms., c.l., same basis	lb.	.17½	—
non-ret dms., t.c.l. same basis	lb.	.18½	—
tanks same basis	lb.	.15½	—
39°C or above tar distilled non-ret. dms., c.l., same basis	lb.	.19½	—
non-ret dms., t.c.l. same basis	lb.	.20½	—
tanks, same basis	lb.	.17½	—
USP, syn., dms., c.l., t.l., frt. alld.	lb.	.20½	—
dms., same basis	lb.	.21¼	—
tanks, same basis	lb.	.18¼	—
Phenolphthalein USP or yellow fib. dms., 2,000-lb. lots	lb.	1.30	1.32
fib dms. smaller lots	lb	1.32	1.37
Phenothiazine drencn fib dms., t.l., dlvd	lb.	.44	—
fib. dms., l.t.l., same basis	lb.	.47	—
NF, fib dms., t.l., same basis	lb.	.43	—
fib. dms., l.t.l., same basis	lb.	.46	—
Phenyl acetate, dms., 100-lb. lots, works	lb.	.80	—
Phenyl salicylate (see Salol)			
Phenylacetaldehyde, soln., 50%, bots	lb.	2.95	—
100%, bots	lb	4.00	4.65
Phenylacetic acid, pure, cryst., cns.	lb.	1.25	1.75

dl-Phenylalanine, dms., works	lb.	27.00	37.50
l-Phenyl-3-carbethoxy pyrazolone-5, fib dms. 200-lb lots dlvd E	lb	3.45	—
fib dms. smaller lots, dlvd E	lb	3.80	—
N-Phenyldiethanolamine dms., c.l., dlvd E	lb	.41	—
dms., t.c.l., dlvd. E	lb.	.42	—
tanks, dlvd E	lb.	.38½	—
m Phenylenediamine dms. frt alld.	lb.	1.10	—
o-Phenylenediamine coml., 100 to 1,000 lbs. fib dms works	lb	1.70	1.80
p-Phenylenediamine, refd., dms., works	lb.	1.42	—
Tech., dms. works	lb.	1.40	—
Phenylethanolamine, dms., c.l., works	lb.	75½	—
dms. t.c.l. same basis	lb	76¼	—
Phenylethyl acetate bots.	lb.	1.30	1.60
b-Phenylethylamine dms. 1,000-lb. lots works	lb	1.10	—
dms. smaller lots works	lb.	1.15	1.40
2-Phenylethyl alcohol, extra, dms.	lb.	1.14	1.45
Standard, dms	lb.	1.10	1.60
Phenylglyconic acid (see Mandelic acid)			
Phenylhydrazine, 97%, 450-lb dms.	lb.	1.45	—
1-Phenyl-3-methyl pyrazolone-5, fib. dms. 250-lb. lots, dlvd E	lb	1.80	—
fib dms. smaller lots dlvd E	lb	2.10	—
Phenylethylphenyl acetate, bots	lb.	4.00	4.25
o-Phenylphenol, dms., t.c.l. works	lb.	.48	.50

p-Phenylphenol, bgs., c.l., works	lb.	.36½	—
bgs., t.c.l., works	lb.	.43	—
Philippine copal gum, pale, chips, bgs	lb.	.23¾	.36
nubs, bgs.	lb.	.32½	.36
seeds, bgs.	lb.	.20	Nom.
sorts, bgs.	lb.	.22¾	.25
Phloroglucinol, coml., fib. dms., works	lb.	6.40	—
CP, bots., works	lb.	17.75	—
Tech., fib. dms., works	lb.	10.45	—
Phloxin red toner (see Eosin red toner)			
Phosgene, ret. cyls., works	lb.	.15¼	—
Phosphate, defluorinated (see under D).			
Phosphate rock, Curacao, Atlantic ports, New Orleans	ton.	48.00	—
Phosphate rock, Florida, land pebble, run-of-mine, washed, dried unground, 66-68% b.p.l., bulk, c.l., mines, long-ton.		5.11	—
68-70% b.p.l. bulk, c.l., same basis long-ton.		5.51	—
70-72%, b.p.l. bulk, c.l., same basis long-ton.		6.16	—
74-75%, b.p.l., c.l., bulk, same basis long-ton.		7.16	—
76-77% b.p.l., c.l., bulk, same basis long-ton.		8.16	—
Above Florida prices are based on fuel oil at $2.57 per bbl. and labor at $1.47.			
Phosphoric acid, food grade, 75%, cbys., c.l., works, E., frt. equald 100 lbs.		7.00	—
cbys., t.c.l., same basis, 100 lbs.		7.25	7.75
tanks, t.w., works 100 lbs.		5.60	—
80%, cbys., c.l., frt. equald 100 lbs.		7.85	—

Phosphoric acid, food grade, 80%, cbys., t.c.l., works 100 lbs.	lb.	8.10	9.35
tanks, t.w., works 100 lbs.		6.00	—
NF, 85%, cbys., c.l., works 100 lbs.		8.50	—
cbys., t.c.l., works 100 lbs.		8.75	9.00
tanks, t.w., works 100 lbs.		6.65	—
Phosphorus, amorph., red, dms., t.l., works	lb.	.55	—
dms., smaller lots, works	lb.	.56	.57
white (yellow) solid dms., c.l., works, frt. equald	lb.	.20	.20¼
dms., t.c.l., works, frt. equald	lb.	.21½	—
tanks, works, frt. equald	lb.	.19	—
Phosphorus oxychloride, dms., c.l., works	lb.	.14	—
dms., t.c.l., works	lb.	.15	—
tanks, works	lb.	.12½	—
Phosphorus pentasulfide, powd., dms., c.l., works	lb.	.13½	—
dms., t.c.l., works	lb.	.14½	.15¼
solid, dms., c.l., works	lb.	.11½	—
dms., t.c.l., works	lb.	.12½	.13¼
Phosphorus pentoxide, dms., c.l., works	lb.	.1395	.1450
dms. t.c.l., works	lb.	.1550	.1650
Phosphorus sesquisulfide, dms., cs., c.l., works	lb.	.38	—
dms., t.c.l. works	lb.	.39	.40
Phosphorus trichloride, dms., c.l., works	lb.	.14	—
dms., t.c.l., works	lb.	.15	—
tanks, works	lb.	.12½	—
Phthalic anhydride, bgs., c.l., works, frt equald	lb.	.21	—
bgs., t.c.l., same basis	lb.	.22	—
tanks, same basis	lb.	.20½	—
Phthalimide, 97-98%, dms., frt. allowd	lb.	.65	—
Phthalocyanine blue, full strength, bbls., dlvd. E. of Rockies	lb.	3.45	—
Resinated, bbls. same basis	lb	3.00	—
Water dispersable, bbls., same basis	lb	1.69	—
Phthalocyanine blue prices 1c. higher W. of Rockies.			
Phthalocyanine green toner, bbls., works	lb	3.95	—
Resinated bbls.	lb	3.50	—
Water dispersable, bbls.	lb	1.71	—
Phthalocyanine green prices 1c. higher W. of Rockies.			
Phthalylsulfacetamide, fib. dms., 1,000-lb. lots or more	lb.	5.00	—
NF, fib. dms.	lb.	5.20	—
a-Picoline, dms. c.l. works, frt. equald	lb.	.43	.43½
dms. t.c.l. works, frt. equald	lb.	.44	—
tanks same basis	lb.	.415	.422
b,g-Picoline 5°C. dms. c.l., works.	lb.	.32½	—
dms., t.c.l., works	lb.	.33	—
g-Picoline, 98%, dms., t.c.l., dlvd	lb.	2.00	—
Picric acid, NF bbls	lb.	.85	—
Tech., bbls	lb.	.44	—
Pigment green B, kgs.	lb.	1.45	—
Pilocarpine hydrochloride, USP bots oz.		6.75	5.25
Pilocarpine nitrate, USP, bots., vials.	oz.	4.65	4.75
Pimento, Jamaican, bgs	lb.	.65	—
Mexican, bgs.	lb.	.32	—
Pimento berry oil, NF, dms	lb.	3.75	9.25
Pimento leaf oil, cns	lb.	2.00	2.60
Pine oil, dest.-dist. dms., t.c.l., works	lb.	.15	—
dms. t.c.l. ex whse New York.	lb.	.173	—
Steam-dist., dms., ex whse, New York	lb.	.185	—
dms., dlvd.	lb.	.188	—
Pineneedle oil, Siberian (see Abies Siberica oil)			
Pinetar oil, comi. dms., c.l., works.	lb.	.0561	—
dms., t.c.l., works	lb.	.0634	—
dms., c.l., ex whse., New York.	lb.	.0745	—
tanks, works	lb.	.046	—
Rectified, NF, dms., included, t.c.l., works, South	lb.	.40	—
dms., incl. t.c.l., ex whse., New York	lb.	.41½	—
Refd., dms., incl., t.c.l., works	lb.	.35	—
dms. incl., t.c.l., ex whse. New York	lb.	.36½	—
Pink root, bls.	lb	2.50	—
Piperazine, dry, dms., t.l., frt. alld.	lb.	1.95	—
dms., t.c.l., same basis	lb.	2.00	—
Piperazine citrate, 36%, dms., t.l., frt, allwd	lb.	1.07	—
dms., l.t.l., same basis	lb.	1.09	—
Piperazine hexahydrated, 44%, dms., frt. allwd	lb.	.88	—
dms., l.t.l., same basis	lb.	.90	—
Piperidine, dist., 98% min., dms., frt. equald	lb.	2.70	—
Piperonyl butoxide, dms. dlvd. E.	lb	4.50	5.05
Piperonyl cyclonene dms. dlvd E.	lb	3.70	4.25

Pitches

Pitch quotations are listed individually. For example, prices on Pitch, soybean, may be found in the S's under Soybean pitch.

Plaster of Paris (see Gypsum).			
Platinum metal, works	oz.	58.00	70.00
Pleurisy root, bls.	lb	.45	.50
Podophyllum resin, NF, dms.	lb.	15.60	16.10
Poke root, bls.	lb.	.19	.22
Polymyxin, bulk, bots., 50 billion units or more 1,000,000 units.		.52	—
bulk, bots., 25-50 billion units. 1,000,000 units.		.54	—
bulk, bots., 1-25-billion units. 1,000,000 units.		.56	—
Polyoxyethylene sorbitan monostearate, dms., 20,000-lb. lots, works	lb.	.42	—
dms., 10,000-20,000-lb. lots, works	lb.	.44	—
dms., smaller lots, works	lb.	.47	.49
Polyoxyethylene sorbitan tristearate, dms. 20,000-lb lots, works.	lb.	.42	—
dms., 10,000-20,000-lb. lots, works	lb.	.44	—
dms., smaller lots, works	lb.	.47	.49
Pontianak copal gum chips, bgs	lb.	.26	—
Nubs, bgs	lb.	.37	.40
Poppy seed, Argentine, bgs	lb.	No stocks.	
Dutch, bgs.	lb.	.27	—
Danish, bgs.	lb.	No stocks.	
Polish, bgs.	lb.	.33	—
Turkish, bgs.	lb.	No stocks.	
Potash, caustic, liq., 45% basis, dms., c.l. works 100 lbs.		4.25	—
dms., t.c.l., same basis 100 lbs.		5.05	—
tanks same basis 100 lbs.		3.70	—
Flake, 88-92%, dms., c.l., same basis 100 lbs.		9.15	—
dms., t.c.l., same basis 100 lbs.		10.20	—
Solid, 88-92%, dms. c.l., works. 100 lbs		8.70	—
dms., t.c.l., works 100 lbs.		9.75	—
Potassium acetate, NF, dms	lbs.	.31	.36

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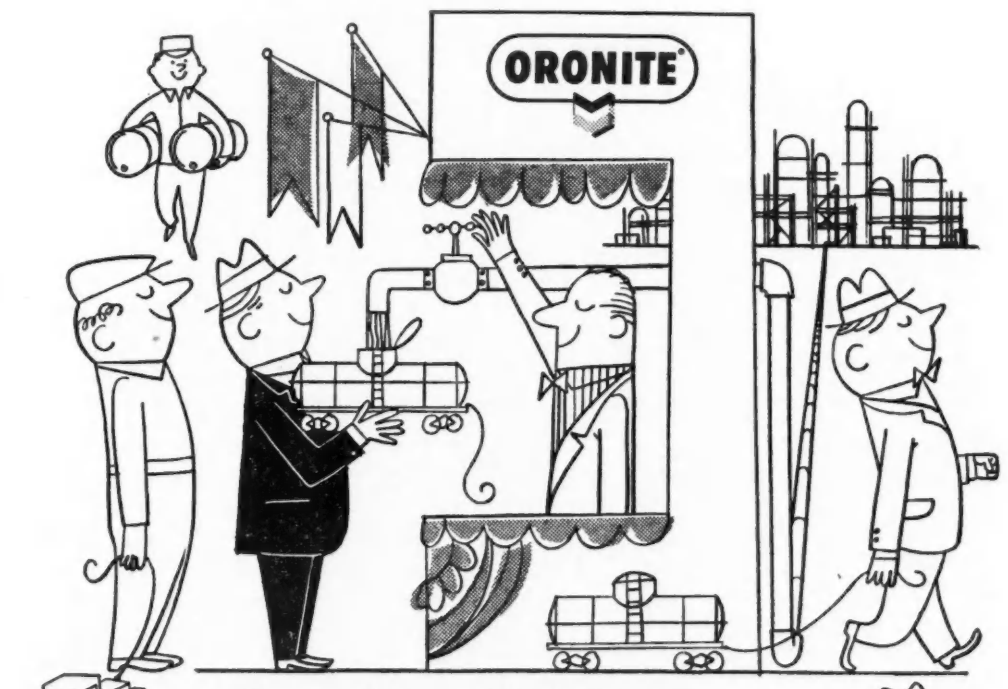
Potassium bicarbonate, USP, gran., dms	lb.	.22	—
USP, powd., dms	lb.	.24	—
Potassium bichromate gran., bgs., c.l., t.l., works	lb.	.18	—
bgs., l.c.l., works	lb.	.18½	.19¾
Potassium bichromate in dms ¾c higher			
Potassium bitartrate, dom., NF, gran. or powd., dms, c.l.	lb.	.40	—
dms, 5,000 lbs. 1 shipt	lb.	.40½	—
dms., smaller lots	lb.	.41	.43
Imp., NF, gran. or powd., kgs.	lb.	.33½	.37
Potassium bromate dms 1,000-lb lots or more works	lb.	.50	—
dms., smaller lots works	lb.	.52	.62
Potassium bromide USP gran., bbls kgs	lb.	.39	.40
Potassium carbonate, dom., NF, gran., bbls dms	lb.	.20	—
powd., bbls., dms	lb.	.21	.22
Potassium carbonate, dom., tech., calcined, bgs. c.l., works, 100 lbs.		6.50	—
bgs., l.c.l., same basis, 100 lbs.		9.55	—
Potassium carbonate, hydrated, 83-85%, bgs. c.l., works, 100 lbs.		7.10	—
bgs., l.c.l., works 100 lbs.		8.15	—
Potassium chlorate cryst. dms c.l. works	lb.	.12¼	—
dms. l.c.l. works	lb.	.13½	.14½
Powd., dms., c.l., works	lb.	.12¾	—
dms. l.c.l. works	lb.	.14	.15
works	lb.	.12¼	—
NF, cryst. works dms, 2,000 lbs. or more, works	lb.	.16¾	—
Gran. 25-lb. metal dms	lb.	.36	—
Powd. dms. 2,000 lbs or more, works	lb.	.17¼	—
Potassium chloride agricultural (see Potassium muriate)			
Indust., 99.9% KCL, bulk, c.l., works	ton.	29.00	—
bgs. c.l. works	ton	33.50	—
99.3% KCL, bulk, c.l., works	ton.	27.00	—
bgs. c.l. works	ton	31.50	—
USP, cryst. dms	lb	.20	.22
gran., dms	lb	.21	.23
powd. dms	lb	.24	.28
Potassium chromate, tech. bgs	lb	.50	.50½
Potassium citrate USP gran. dms.	lb.	.43	—
Powd., dms.	lb.	.40½	.41½
Potassium cyanide, dms 20,000-lb. lots or more, works	lb.	.42½	—
dms., 2,000-19,999-lb lots, works.	lb.	.43	—
dms., smaller lots, works	lb.	.44	.44½
Potassium dichromate (see Potassium bichromate)			
Potassium ferricyanide, dms., ton lots, works	lb.	.50	—
dms smaller lots works	lb.	.65	—
Potassium ferrocyanide, dms., ton lots	lb.	.24½	—
dms., smaller lots	lb.	.29	—
Potassium fluoborate, fib dms., c.l., works	lb.	.30	—
fib dms l.c.l. works	lb.	.31	—
Potassium fluoride dms works	lb	.37	.38
Potassium gluconate, dms	lb.	1.67	—
Potassium guaiacolsulfonate, NF, dms	lb.	2.10	2.30
Potassium hydroxide, tech (see Potash, caustic)			
Potassium hydroxide, USP, pellets, 100-lb dms, 1 to 100-dm. lots	lb.	.33½	.38
Potassium hypophosphite, NF, fib. dms 1,000-lb lots	lb	1.38	—
Potassium iodide, 250-lb. dm.	lb.	1.43	—
Potassium manure salt, 22% K₂O, bulk, c.l. works	unit-ton.	17	.178
Potassium metabisulfite, gran. dms.	lb.	.16	—
Powd., dms.	lb.	.27	—
Potassium muriate, standard, bulk, c.l., works	unit-ton.	.30	.32
bagged, 60% minimum K₂O, same basis	ton.	22.90	-24.10
Granular, bulk, c.l., works	unit-ton.	.3005	.3205
Potassium muriate, gran., bagged, 60% minimum K₂O, same basis	ton.	23.20	-24.40
Inside prices apply to material contracted for prior to July 1, 1958.			
Outside prices apply to material contracted for after that date but also for delivery during the current month.			
Potassium nitrate, NF, cryst., bbls., 20-ton lots	100 lbs.	16.50	—
bbls. smaller lots	100 lbs.	17.50	-18.00
NF, gran., bgs., 20-ton lots	100lbs.	9.25	—
bgs., smaller lots	100 lbs.	10.50	-11.00
NF, powd. bgs. 20-ton lots	100 lbs.	10.25	—
bgs. smaller lots	100 lbs.	11.50	-12.00
Potassium oxalate, neutral tech., fine gran., bbls., dms	lb.	.32	.34
Potassium pentaborate, gran., dms., c.l., works	ton.	219.50	—
dms., ton lots ex whse	ton.	311.00	—
dms., smaller lots ex whse	ton.	316.00	—
Powdered potassium pentaborate $10 per ton higher.			
Potassium perchlorate, dms., c.l., works	lb.	.18½	—
dms. t.c.l. works	lb.	.19	.20
Potassium permanganate, coml. kgs., works	lb.	.26	.29
USP, dms. works	lb.	.29¼	.31
Potassium persulfate, dms., c.l., works	lb.	.17½	—
dms. t.c.l. works	lb.	.18	.21
Potassium pyrophosphate, tetrabasic, dms. works	lb	15½	.18½
Potassium prussiate red (see Potassium ferrocyanide)			
Potassium prussiate yellow (see Potassium ferro-cyanide).			
Potassium silicate, electrical grade, 30° Be, 1:2.0, dms., c.l., works	100 lbs.	6.50	—
dms., l.c.l., 5 dm. lots or more, works	100 lbs.	7.25	- 7.65
tanks, works	100 lbs.	6.15	—
40.5° Be, 1:2.1, dms., c.l., works.	100 lbs.	5.95	—
dms., l.c.l., 5 dm. lots or more, works	100 lbs.	6.70	—
tanks, works	100 lbs.	5.60	—
Glass grade, bgs., c.l., works	100 lbs.	17.30	-18.15
bgs. l.c.l. works	100 lbs.	17.80	—
Soln., 29° Be, 1:2.5, dms., c.l., works	100 lbs.	4.95	—
dms. l.c.l. 5 dms or more works	100 lbs.	5.70	—
tanks, works	100 lbs.	4.60	—
Potassium silicofluoride, bgs., works	lb.	.09½	.10
Potassium silicofluoride in drums, 0.4c per lb higher.			
Potassium stannate, dms., frt alld. E	lb.	.758	.831
Potassium sulfate, agricultural, bulk, c.l., works	unit-ton.	30½	.31½
Inside price applies to tonnage contracted for prior to July 1, 1958.			
Outside price applies to tonnage contrated for after that date but also for delivery during the current month.			
Potassium sulfate, NF VII, cryst., dms	lb.	.31	.33
Gran., dms.	lb.	.18½	—
Powd., dms.	lb.	.16	.17
Potassium sulfocyanate, NF, cryst. (see Potassium thiocyanate)			
Potassium thiocyanate NF cryst., dms., works	lb.	.96	.98
Tech. dms., works	lb.	.77	.79
Potassium titanate, ctns. c.l. works,	lb.	.16¼	—
ctns. 5-ton lots, works	lb.	.16½	—
ctns., 1-ton lot or less works	lb.	16¾	—
Potassium-magnesium sulfate basis 40%K₂SO₄ and 18% MgO, bulk, works, base price	ton	13.45	—
bulk works July forward	ton	14.00	—
Potassium-sodium tartrate NF gran or powd. dms. c.l	lb	42½	—
dms. 5,000-lb lots	lb	43	—
dms., smaller lots	lb	43½	49
Potassium-titanium fluoride fib dms. works	lb	.39	.40
Potassium-zirconium fluoride, fib. dms. c.l. works	lb	.50	—
fib dms. t.c.l. works	lb	52½	55
Potato starch (see Starch potato)			
Pregnenolone bots	gram.	No prices	
Pregnenolone acetate, bots	gram.	No Prices	
Procaine hydrochloride USP dms. 1,000-lb lots, frt alld	lb	2.83	—
dms 100-500 lb lots	lb	2.95	3.15
Progesterone, USP, bots	gram.	No prices.	
Progesterone acetate, bots	gram.	No prices.	
Propane indust tanks group 4	gal.	.05	—
tanks, Baton Rouge	gal.	.05375	—
tanks, New York harbor (¼c. discount offered).	gal.	.1005	—
Propenyl guaethol, dms.	lb.	24.30	-27.00
Propionic acid syn. pure dms., c.l., works	lb.	.23¼	—
dms., t.c.l., works	lb.	.24¼	—
tanks, works	lb	20¾	—
n-Propyl acetate, dms., c.l., dlvd.	lb.	.14¾	—
dms., t.c.l., dlvd.	lb.	.15¾	—
tanks, dlvd.	lb.	.12¼	—
n-Propyl alcohol, dms., c.l., dlvd	lb.	.14	—
dms., t.c.l. dlvd	lb.	.15	—
tanks, dlvd.	lb.	11½	—
n-Propyl gallate dms., 10⁰ to 2,000-lb lots works	lb	3.90	4.40
n-Propyl p-Hydroxybenzoate, USP dms	lb	2.30	2.40
Propyl thiouracil bots, 50 kilo lots or more	kilo	55.00	—
bots smaller lots	kilo	55.10	-75.30
n-Propylamine, dms., c.l., dlvd	lb.	1.24	—
dms., t.c.l., same basis	lb.	1.25	—
Propylene dichloride, consumers, dms., c.l., dlvd E	lb	0845	—
dms., t.c.l., same basis	lb	0950	—
tanks same basis	lb.	07	—
Propylene dichloride prices in West 1c. higher same basis.			
Propylene glycol indust dms., c.l., dlvd E	lb	.16	—
dms., t.c.l., same basis	lb	.17	—
tanks same basis	lb	13½	—
USP, dms., c.l., dlvd. E	lb.	.18	—
dms., t.c.l. same basis	lb	.19	—
tanks same basis	lb	15½	—
Propylene glycol methyl ether, dms., c.l. dlvd	lb	.20	—
dms., t.c.l., same basis	lb	.21	—
tanks, same basis	lb	18½	—
Propylene oxide dms. c.l., dlvd E	lb.	.18	—
dms., t.c.l., dlvd E	lb	.19	—
tanks, dlvd E	lb	15½	—
Psyllium seed, black, bgs.	lb	.32	.34
Blonde, bgs.	lb.	.16	.18
Husks, bgs.	lb	.39	—
Pumice, dom grd, coarse to fine, 0, ½ 1 1½ 2 3, bgs. ton lots.	lb.	.03⅜	04¼
bgs., smaller lots.	lb.	.03⅞	—
Imp., Italian silk-screen, coarse, bgs. ton lots	lb	.06½	—
fine, bgs. ton lots	lb	04	—
sun dried coarse bgs	ton	60.00	—
fine, bgs.	ton	60.00	-70.00
Pumpkin seed bgs	lb	25	28
Pyrethrins syn (see Allethrin)			
Pyrethrum flowers fine grd. 0.9% pyrethrins bbls. works	lb	45	—
Powd 1.3% pyrethrins bbls. works	lb	65	—
Pyrethrum liquid 20 1 basis (2 grams pyrethrins per 100cc odorless base) dms works	gal	8.75	8.85
100 1 basis (10 grams pyrethrins per 100cc odorless base) dms works	gal	41.75	42.75
Pyrethrum oleoresin dewaxed 20% dms. works	lb	10.00	—
purif. 20% dms. works	lb	10.00	-10.10
Pyridine, denat dms. c.l. works and frt equald	gal	2.77	—
dms. t.c.l., same basis	gal	2.80	—
Refd., 2° non-ret dms., t.c.l., same basis	lb	75	—
Pyridoxine hydrochloride, bots., 500-gram lots or more	kilo.	218.00	—



Oronite® PHENOL
is for Oronite customers
—now and in years to come

Oronite's marketing policy and unique position as a phenol producer is your assurance of a most dependable source.

As a producer, Oronite does not compete with its customers by using its phenol production for end-products. As your demands for phenol based end-products constantly grows, Oronite will be able to supply your increasing needs.

And, because Oronite is the only U. S. phenol producer with complete control of raw materials and manufacturing, increased production capacity is no problem. Your growing phenol requirements can be met promptly. By doing business with Oronite there is less chance of any interruption in supplying your needs.

For quick service, Oronite maintains bulk terminals in Richmond, Calif., New Orleans, Chicago and Paulsboro, New Jersey. Tank car, tank truck and drum shipments can be made to you almost overnight.

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A CALIFORNIA CHEMICAL COMPANY SUBSIDIARY
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Foreign Affiliate: California Chemical International, Inc., San Francisco, Geneva, Panama

Pyrites, Canadian, 48-50% S, mines, long-ton 5.00 - 6.00
Pyrocatechol (see Catechol).
Pyrogallic acid, NF (see Pyrogallol).
Pyrogallic acid, tech., bbls lb 3.17 3.25
Pyrogallol NF, 100 lb dms lb 3.50 —
Pyroxylin, USP, bots lb 9.50 - —

Q

Quassia chips lb. 17 —
Quebracho extract, clarified, grd., 70% tannin, bgs., works lb. .16½- .17
Clarified, liq., 35% tannin, bbls., works lb. .08¼ 08½
Clarified, solid, 64% tannin, bgs., c.l. ex dock lb. .108718 —
Ordinary solid 63% tannin bgs., c.l. same basis lb. 099228 —
Quercetin, fib. dms. kilo lots kilo 26 40 —
Quercitron extract cryst. No 1, bbls. t.c.l lb 40 —
Liq. No. 1 bbls. t.c.l. lb 19 —
Quicksilver (see Mercury metal)
Quince seed, bgs lb 2 00 Nom
Quinidine sulfate USP cns. 1,000-oz. lots oz. 74½ 75
Quinine, NF cns. 100-oz. lots oz. 54 —
Quinine bisulfate USP cns., 100-oz. lots oz. .28 .29
Quinine hydrochloride cns 1,000-oz. lots oz. .32 —
Quinine sulfate USP cns. 1,000-oz. lots oz. .27½- .29
Quinoline, dms. c.l. frt. equald lb 50¾ —
dms., t.c.l. same basis lb 51¼ —
tanks, same basis lb 50 —

R

R salt, paste dms. frt alld., 100% basis lb. 88 - —
Powd. frt. alld. 100% basis lb 98 - —
Rapeseed oil, dms., lb. .17½- .18
tanks lb. .16 - —
Rare earth oxalate 45-50%, bgs. works lb 1.00 - —
Rauwolfia serpentina root powd., bbls., dms lb. 1.00 - —
Red, carmine No. 40 (see Carmine)
Red oil (see Oleic acid)

Red Pigments

Red pigment quotations are listed individually. For example, prices on Red, lithol toner, may be found in the L's under Lithol red toner.

Red precipitate (see Mercuric oxide, red)
Red saunders NF powd. bbls lb. 35 40
Reserpine, cryst., bots. gram 1.40 - 1.60
Resorcinol, tech grade, dms. c.l., works frt. equald lb 77½ —
dms. t.c.l. same basis lb 78½ —
USP, cryst. dms works lb 2.75 —
powd., dms. works lb 2.95 —
Resorcinol monoacetate, NF, dms. lb. 2.50 - —
Rhatany root bgs. lb 15 16
Rhodamine red toner molybdated, PMA, kgs lb 6.00 —
Tungstated PTMA works kgs lb 6 60 —
Rhodinol, 5-lb cans lb. 33.00 -39.00
Synthetic lb 15 00 16 00
Rhubarb root India, whole, bgs lb 30 —
Powd., bgs. lb. .38 - —
Riboflavin USP no dms., kilo or more dlvd kilo 40 00 - —
USP readily soluble bots dlvd kilo 130.00 - —
Riboflavin, 5-phosphate-sodium fib dms. kilo or more dlvd kilo. 107 50 —
Rice bran oil, clarified, dms., t.c.l. lb. .16 Nom.
tanks, dlvd. E lb. .14 Nom.
Rice starch (see Starch, rice)
Ricinoleic acid (see Castor oil acids, split)
Rochelle salt (see Potassium-sodium tartrate)
Roofing pitch (see Coaltar pitch, roofing)
Rose oil, nat. Bulgarian bots oz. 72 00 —
Turkish, bots. oz. 55.00 -58.00
Rosemary oil, Spanish, NF cns. dms. lb. 1.05 - 1.50
tech., cns., dms. lb. .50 - 1.20
Rosin, gum and wood (see Navel Stores in Protective Coatings market)
Rotenone, fib. dms., works, unit-lb 12 - —
resin, 25-45% fib dms. works, unit-lb 12 —
Rottenstone, bgs., 2-ton lots, ex-whse lb 03¾ —
bgs., ton lots, same basis lb. 04¼ —
Rubber solvent, petroleum tanks, Calif ex tax, San Francisco gal. .178 —
tanks, east coast, N. J., N. Y. gal. .19 —
tanks, group 3 gal. .23375 —
Rue oil, bots. lb. 2.75 3.00
Rutin, NF fib dms., 10 kilo lots kilo. 16.50 - —
fib. dms., 5 kilo lots kilo. 17.00 - —
fib. dms., 1 kilo kilo. 18.00 - —
Ryania, 100%, powd., bgs., c.l., works lb 22 —
bgs. t.c.l., same basis lb 24 —

S

S acid, bbls., works lb. 3.25 —
Sabadilla seed, activated, ground with lime, bbls lb. .42 .44
Saccharin, calcium fib. dms. 1,000-lb lots works lb 2.50 —
USP, gran., soluble, dms., 1,000-lb. lots lb. 1.60 - —
dms., smaller lots lb 1 70 1.80
USP, powd., soluble insoluble, dms., 1,000-lb lots lb 1 65 —
dms., smaller lots lb 1 75 1.95
Safflower oil, dms., New York lb. .1835- .1895
tanks, Atl. Coast lb. .1635- —
Safrol, dms. lb. 80 .95
Saffron, Mancha Superior, tins lb. 34.00 —
Sage, Greek, bgs lb 14 —
Dalmatian, cns. lb. .36 .40
Italian, cns. lb. .15 - —
Sage oil, clary, bots lb 25.00 32.00
Dalmatian, cns. lb. 3.75 4.00
Spanish, cns lb 1 20 1.45
Sago flour, raw bgs. lb 07 08½
Refd., bgs. lb. .09 - .09¼
Sal soda (see Soda sal)
Salicylaldehyde, dms., c.l., t.l., f.o.b. plant, frt. equald lb. 1.23 - —
dms., t.c.l., same basis lb. 1.25 - —
Salicylamide, 100-lb. dms lb. 1.00 - 1.10
Salicylic acid, crude, fib dms., c.l., t.l. frt alld lb. .37¼ —
fib. dms., t.c.l., frt. alld on 100 lbs or more lb. .38½- —
sublimed, tech., fib. dms., c.l., t.l., dlvd lb. .39¼- —
fib. dms., t.c.l. dlvd. lb. .43½- —
USP, cryst., 200-lb. fib. dms., 1,000-lbs. or more lb. .50½- —
200-lb. fib. dms., less than 1,000 lbs. .53½- —
100 lbs. fib. dms., 1,000 lbs. or more lb. .52½- —
100-lb. fib. dms., less than 1,000 lbs lb. .55½- —
Powd., 100 lb. fib. dms., 1,000 lbs. or more lb. .57½- —
100-lb. fib. dms., less than 1,000 lbs lb. .60½- —
Salol, NF, gran., bbls. kgs lb 1 20 —
Powdered salol, 25c per lb higher
Salt, rock, paper bgs., c.l 100 lbs 1.09 - —
Salt, table vacuum, common, fine, paper bgs. c.l 100 lbs 1.34 - —
Saltcake dom. bulk works 100% Na_2SO_4 basis ton 28 00 —
Saltpeter (see Potassium nitrate)
Sandalwood, E. Indian chips, bgs. lb. .65 .66
powd., fib. dms. lb. .75 - .76
Sandalwood oil, cns. lb. 13.50 -14.75
Sardine oil crude tanks, Pac coast lb No stocks.
Sassafras oil artif. dms. lb 50 62
Nat., dom., dms lb. 1.70 - 2.15
Savin oil, USP, cns lb 7.50 —
Savory oil, cns lb 4.25 —
Schaeffer's salt paste, dms., frt alld 100% basis lb. .85 - —
Powd. bgs., frt alld. 100% basis. lb 95 —
Scopolamine hydrobromide, USP, bots oz. 13.00 15.90
Sebacic acid, CP, dms. c.l., works. lb. .69½- —
dms., t.c.l., works lb. .71½- —
Purified, dms., c.l., works lb. .65½- —
dms., t.c.l., works lb. .67½- —
Seidlitz mixture fib dms. 5,000-lb. lots lb 30½ —
fib dms. smaller lots lb 31 32
Selenium powd. 99½% cms. dlvd lb. 7.00 - —
Senega root, bls. lb. 2.10 - —
Senna leaves, Alexandria, whole and half, bls lb .19 - —
siftings lb 17 - —
Tinnevelly, No. 1, bls lb. .19 - .20
No. 2, bls lb. .16 - .17
No. 3, bls lb. .14 - —
pods, bls lb .22 - —
powd., bbls., bxs lb 17 - —
Serpentaria root, bls. lb. 6.50 - 7.00
Sesame oil, USP, dms lb. .38 - .39
Sesame seed, Columbian, bgs lb. .15½- —
Lebanese hulled, bgs. lb. .19 - —
Nicaraguan hulled, shipt., bgs. lb. .24½- —
nat., bgs. lb. .16 - —
Salvadorian, nat., bgs lb. .16 - —
Shellac, bleached, bonedry, bgs., 1,500-lb. lots lb. .46 - —
bbls., 1,500-lb. lots lb. .47 - —
kgs., 1,500-lb. lots lb. .48 - —
Bonedry shellac prices for less than 1,500 lb. lots 1c. per lb. higher for all packages.
Shellac, bleached, refd., bgs., 1,500-lb. lots lb. .56 - —
bbls., 1,500-lb. lots lb. .57 - —
kgs., 1,500-lb. lots lb. .58 - —
Shellac, orange, lemon No. 1, bgs., 10-bg. lots lb. .38 - .39
lemon No. 2, bgs., 10-bg. lots lb. .36 - .37
superfine, bgs., 10-bg. lots lb. .34 - .35
TN, bgs., 10-bg. lots lb. No Stocks
Shellac in 1 to 10-bg. lots 1c. per lb. more.
Shingle stain oil, tar distillate, dms., c.l., works gal. .37 - —
dms., t.c.l., works gal. .48 - —
tanks, works gal. .25 - —
Sienna pigment, burnt, paper bgs., c.l., works lb. .06½- .18½
paper bgs., t.c.l. works lb. .06¾- .17¾
Raw, paper bgs., c.l. works lb. .06¾- .16¾
paper bgs., t.c.l., works lb. 07 .17
Silica, amorph., dry grd., 325 mesh bgs., c.l., works ton 25 00 —
bgs., t.c.l. works ex whse ton 45 00 - 55 00
hard-quartz, 99½% 325 mesh, bgs., c.l. works ton 20 00 —
bgs., t.c.l. works ton 25 00 —
99½%, 140 mesh bgs., c.l. works ton 15 00 —
bgs., t.c.l. works ton 20.00 —
Silicon tetrachloride tech. dms., c.l. works lb 18 —
dms., t.c.l. works lb .22 .30½
tanks works lb 17 —
Silver bullion, ingots ex Troy oz. .88⅝- —
Silver cyanide, bots., 1,000-oz. lots. oz. .89½- —
bots., 500-oz. lots oz. .90 - —
bots., 100-oz. lots oz. .91 - —
Silver nitrate CP cryst., bots., 2,500-oz. lots oz. .63¼- —
bots., 1,000-oz. lots oz. .63⅝- —
bots., 500-oz. lots oz. .64½- —
bots., 250-oz. lots oz. .64¾- —
USP granular silver nitrate 4c. per oz. higher
Silver proteinate, mild, USP bots. dms. 1,000-oz lots oz. 1.15 —
Strong, NF bots dms. 1,000-oz. lots oz 1.10 —
Snakeroot oil, Canada, cns. lb. 45.00 -60.00
Soapbark, crushed, bls lb .35 - —
Powd., bls. lb. .35 - —
Whole, bls. lb. .30 - —
Soda ash dense, 58%, paper bgs., c.l., works 100 lbs 1 90 - —
paper bgs. t.c.l. stock pts 100 lbs 3.00 4.77
bulk, c.l., works 100 lbs 1 60 —
Light, 58%, paper bgs., c.l., works 100 lbs 1.85 - —
paper bgs. t.c.l. stock pts. 100 lbs 3.95 4.72
bulk, c.l., works 100 lbs 1 55 —
Soda caustic, flake 76% dms. c.l. works, frt. equald 100 lbs. 5.20 - —
Liq., 50% sellers tanks, works dry basis 100 lbs 2.90 —
50% rayon type, sellers tanks works, dry basis 100 lbs 2.90 3.00
73%, sellers' tanks, works, dry basis 100 lbs. 3.00 - —
73%, rayon type, sellers' tanks, works, dry basis 100 lbs. 3.00 - 3.10
Solid, 76%, dms., c.l., works, 100 lbs. 4.80 - —
Soda sal conc. bgs. c.l. works 100 lbs 2.50 - —
bgs. smaller lots, works 100 lbs 2.80 - —
Sodium acetate, anhyd., bgs., c.l., dlvd. E lb. .14½- —
bgs., t.c.l., same basis lb. .16½- —
NF, 60%, gran., dms., c.l., works lb. .15½- —
dms., t.c.l., works lb. .17½- —
Sodium alginate, NF, white powd., dms., 300 lbs. or more lb. .93 - —
Sodium p-aminosalicylate, dms., 100-lb lots or more, frt. adjusted lb. 2.70 - —
Sodium antimoniate, bgs., c.l., dlvd. E lb. .25½- —
bgs., t.c.l., dlvd. E lb. .27 - —
Sodium arsenate, 60% arsenic pentoxide, dealers, dms., ton or more, works lb. .28 - —
dms., less than ton lots, works lb. .26½- —
Sodium arsenite, 90% pink powder, 75% arsenious oxide, dealers, dms., ton lots or more, works, lb. .17½- —
dms., less than ton lots, works, lb. .18 - .19
Sodium ascorbate, dms. 25-50 kilo lots kilo. 10.00 - —
dms. 10-kilo lots kilo. 10.35 - —
dms., 5-kilo lots kilo. 10.75 - —
dms., 1-kilo lots kilo. 11.00 - —
bots., 500-gram bots kilo. 11.50 - —
Sodium benzoate, tech., c.l., t.l., frt. alld lb. .35 - —
dms., t.c.l., same basis lb. .39 - —
USP, c.l., t.l. frt. alld lb. .38 - —
ton lots same basis lb. .43 - —
1,000-lb. lots, same basis lb. .45 - —
Sodium bicarbonate, USP, gran., bgs., c.l., works 100 lbs. 2.95 - —
bgs., t.c.l., works 100 lbs 3.85 - —
USP, powd., bgs., c.l., works 100 lbs 2.55 - —
bgs., t.c.l., works 100 lbs 3 45 - —
Sodium bichromate, gran., bgs., c.l., t.l., works lb. .13 - —
bgs., t.c.l., works lb. .13½- .14¼
Sodium bifluoride, bbls., c.l., works, frt. equald lb. .19½- —
bbls., t.c.l., same basis lb. .1990- —
Sodium bisulfate, bulk, c.l., works 100 lbs. 2.00 —
dms., c.l., frt. equald 100 lbs 3.00 3.60
dms., t.c.l., frt. equald 100 lbs 3.50 4.10
Sodium bisulfite anhyd., bgs., c.l., works 100 lbs 5.00 —
bgs., t.c.l., works 100 lbs. 5.45 - —
Soln., 35° bbls., c.l., works 100 lbs. 1.70 - —
bbls., t.c.l. works 100 lbs 2.20 - —
Sodium borate (see Borax)
Sodium bromide, USP, gran., dms., works lb. .40 - —
Sodium carbonate, cryst., monohydrated (see Soda sal)
Sodium carbonate monohydrated, bgs., c.l., works 100 lbs 3.10 - —
bgs., t.c.l., works 100 lbs 3.50 - —
Sodium carboxymethyl cellulose (see CMC)
Sodium chlorate cryst., 350-lb. dms., c.l., works lb. .09 - —
dms., t.c.l., works lb. .09½- .10½
Sodium chlorate in 100-lb. dms. only, ¼c. per lb. higher.
Sodium chloride, tech (see Salt)
Sodium chloride, USP, gran., bgs. lb. .05 - —
Sodium chlorite, tech., dms., c.l., works lb. .58 - —
dms., 20-dm. lots or more, works, lb. .56 - —
dms., smaller lots works lb. .70 - .73
Sodium chloroacetate, tech., dms., c.l., works lb. .27 - —
dms., t.c.l., works lb. .28 - —
Sodium chromate, anhyd., fib dms., c.l., t.l., works lb. .14¾- —
fib. dms., t.c.l., works lb. .15¼ 16½
Sodium chromate, tetrahydrate, bgs., c.l., t.l., works lb. .1015- —
bgs., t.c.l. lb. .1065- .1190
Sodium citrate, anhyd., dms lb. .62 —
NF VIII, gran., dms lb. .26½ .27½
USP XIV, gran., dms lb. .29½- .30½
Sodium citrate USP powd., prices ½c higher
Sodium cyanide, dms., 1,000-lb. lots, works lb. .85 —
dms., smaller lots works lb. .90 1.10
Sodium cyanide, flake, 96-98%, dms., c.l. or 20,000-lb lots lb. .193 - —
dms., over 1,000-lb. lots lb. .203 - —
dms., 100-lb to 1,000-lb lots, lb. .213 - —
Gran. sodium cyanide 1c higher.
Sodium diacetate, 33-35% acidity, 250-lb dms., works lb. .15 - —
250-lb dms., t.c.l., works lb. .15¾- —
Anhyd., dms., c.l., works lb. .16 - —
dms., t.c.l., works lb. .18¾- —
Sodium dimethyl dithiocarbamate, 40% soln., dms., c.l., t.l., frt. alld., 100% basis lb. .42 - —
dms., t.c.l., t.l., same basis lb. .47 - .52
tanks, same basis lb. .38 - —
Sodium ferrocyanide, bgs., 10-ton lots lb. .13½- —
bgs., smaller lots lb. .14 - —
Sodium fluoride, white, 97% fib. dms., c.l., works, frt. equald lb. .1300- —
fib. dms., t.c.l., works, frt. equald lb. .1430- —
Sodium formate, bgs., c.l., works, 100 lbs. 7.00 - —
bgs., t.c.l., works 100 lbs 8.65 - —
Sodium gentisate, 100-lb fib dms. lb 5.50 - —
Sodium gluconate, refd., dms. lb .84 - —
Tech., dms., bgs. lb. .37 - .39
Sodium hydride, powd., dms. works, lb. 1.90 2.75
Sodium hydrosulfide (see Sodium sulfhydrate)
Sodium hydrosulfite, dms., c.l., frt. alld lb. .23¾- —
dms., t.c.l., frt. alld lb. .24¾- —
Sodium hydroxide, NF, pellets, 100-lb dms., 1 to 100-dm. lots. lb. .23½- .28
Sodium hydroxide, tech. (see Soda, caustic)
Sodium hypophosphite, NF, dms., 1,000-lb. lots lb. .97 - —
Sodium hyposulfite, anhyd., photo grade, bgs., c.l., works, 100 lbs 7.50 - 8.05
bgs., t.c.l., works 100 lbs. 7.89 - 8.45
Sodium hyposulfite, tech., bgs., c.l., works 100 lbs. 7.25 - —
bgs., t.c.l., works 100 lbs. 7.60 - —
Sodium hyposulfite, hexahydrate, pea, cryst., bgs., c.l., works 100 lbs. 5.15 - —
bgs., t.c.l., works 100 lbs 5.58 - —
photo grade, bgs., c.l., works, 100 lbs 7.75 - —
bgs., t.c.l., works 100 lbs 8.05 - —
Sodium hyposulfite, pentahydrate, tech., bgs., c.l., works, 100 lbs. 4.65 - 5.15
bgs., t.c.l., works 100 lbs. 4.90 - 5.55
Sodium iodide, USP, 300-lb. dm. lb. 1.98 - —
Sodium lactate, edible, 60%, chys., dms. works lb. .26½- —
Sodium lauryl sulfate, dms., c.l., dlvd lb. .19 —
dms., t.c.l., dlvd lb. .19½- .20¾
tanks, dlvd lb. .18 - —
Sodium metabisulfite (see Sodium bisulfite).
Sodium metaborate, octahydrate, gran., bgs., c.l., works ton. 92.00 - —
bgs., ton lots, ex whse ton. 150.00 - —
bgs., smaller lots, ex whse ton. 155.00 - —
Sodium metaborate tetrahydrate, bgs., c.l., works ton. 200.00 - —
bgs., ton lots, ex whse ton. 268.50 - —
bgs., smaller lots, ex whse ton. 273.50 - —
Sodium, metallic, bricks, c.l., works, lb. .19½- —
Fused, 18,000-lb. lots or more, works lb. .19 - —
tanks, works lb. .17 - —
Sodium metanilate, bbls., frt. alld. lb. .62 - —
Sodium metasilicate, anhyd., bgs., c.l., works 100 lbs 5.70 - —
bgs., 6,000-19,900 lb. lots, works, 100 lbs. 6.03 - —
dms., c.l., works 100 lbs 6.20 - —
dms., t.c.l., works 100 lbs 6.55 - —
Sodium metasilicate pentahydrate bgs., c.l., works 100 lbs 4.45 —
bgs., t.c.l., works 100 lbs 4.80 6.75
dms., c.l., works 100 lbs 4.95 —
dms., t.c.l., works 100 lbs 5.30 7.25
Sodium molybdate anhyd., dms., works, frt equald lb .92 96
Cryst., dms., works, frt alld lb 73 74
Sodium monoglutamate (see Monosodium glutamate)
Sodium monohydrate (see Sodium carbonate monohydrated)
Sodium naphthionate, bbls lb 70 —
Sodium nitrate, dom., crude, bgs., c.l., works ton. 48.75 - —
bulk, c.l., works ton. 45.25 - —
Imp., 100-lb. bgs., c.l., Atl., Gulf, Pac., whse ton. 49.75 - —
ton. 49.75 - —
bulk, c.l., same basis ton. 46.25 - —
Sodium nitrite, USP, bbls., c.l., works, frt equald 100 lbs 9.00 - —
bbls., t.c.l., same basis 100 lbs. 11.00 - —
Sodium orthosilicate, conc., dms., c.l., works 100 lbs 6.70 - —
dms., t.c.l., works 100 lbs 7.05 7.65
Sodium orthosilicate, hydrated, flake, bbls., c.l., works 100 lbs 5.65 - —
bbls., t.c.l., works 100 lbs 7.60 7.90
Sodium oxalate, 98% bgs., works 100 lbs. 12.35 - —
Sodium para-aminobenzoate (see Sodium p-aminobenzoate)
Sodium para-aminosalicylate (see Sodium p-aminosalicylate)
Sodium pentachlorophenate, briquets, bgs., c.l., works, frt. equald lb. .26 - —
bgs., t.c.l., same basis lb. .27½- .34
Pellets, bgs., c.l., same basis lb .26 - —
bgs., t.c.l., same basis lb .27½- .34
Sodium pentachlorophenate, powd., bgs., dms., c.l., same basis lb. .25 - —
bgs., dms., t.c.l., same basis lb. 26½- .33
Sodium pentachlorophenate, 20,000 lbs., min truckloads, ¼c per lb over carlot prices
Sodium pentobarbital, USP, dms., 100 lbs. or more lb. 6.00 - —
Sodium perborate, NF, tech., bgs., c.l., works lb .19 - —
bgs., t.c.l., works lb .21 - —
Sodium peroxide, dms., c.l., t.l., dlvd. E of Miss lb. .20½- —
dms., t.c.l., same basis lb .21 .21¼
Sodium phenobarbital, USP, 100-lb. dms lb. 3.75 - —
Sodium phenolsulfonate, USP, IX, gran., dms lb. .50 - .51
NF, powd., dms. lb. .53 - .54
Sodium phosphate, dibasic anhyd., bgs., c.l., frt equald, 100 lbs. 7.95 —
bgs., t.c.l., same basis, 100 lbs. 8.35 - 9.40
Dibasic, dunhydrate, bgs., c.l., frt equald 100 lbs 7.60 -
bgs., t.c.l., same basis 100 lbs. 8.10 - —
Sodium phosphate, dibasic, USP, dried, powd., bgs., dms., works lb. .19 - .20¼
Sodium phosphate, monobasic, anhyd., bgs., c.l., frt. equald, 100 lbs. 9.00 - —
bgs., t.c.l., same basis 100 lbs. 9.40 -10.00
Sodium phosphate, tribasic, anhyd., bgs., c.l., frt. equald, 100 lbs. 9.05 - —
bgs. t.c.l. frt equald. 100 lbs 9 45 -10.05
Cryst., bgs., c.l., t.l., frt. equald, 100 lbs. 4.60 - —
bgs., t.c.l., frt. equald 100 lbs. 5.00 - 5.75
Sodium phosphate in dms. 60c to 80c higher than bgs
Sodium prussiate, yellow (see Sodium ferrocyanide)
Sodium pyrophosphate acid, bgs., c.l. works, frt equald, 100 lbs. 11.10 —
bgs., t.c.l., same basis 100 lbs. 11.85 -12.35
Sodium pyrophosphate ferric, dms., c.l., t.l., works lb. .28 - —
dms. t.c.l. works lb. .37 .39
Sodium pyrophosphate, tetrabasic, anhyd., bgs., c.l., works, frt equald 100 lbs. 7.81 - —
bgs., t.c.l., same basis 100 lbs. 9.21 - 9.71
Sodium salicylate, USP, dms., 1,000-lbs. or more lb. .78½- —
dms., less than 1,000 lbs., dms. lb. .81½- —
Sodium sesquicarbonate, bgs., c.l., works 100 lbs 2.35 - —
bgs. t.c.l. dlvd zone 1 100 lbs 4.10 4.35
dlvd. zone 2 100 lbs. 4.35 - 4.60
dlvd zone 3 100 lbs 4.75 4.90
dlvd Zone 4 100 lbs 5.35 - 5.60

Sales zones are: (1) Atl states E of Miss., R and N of south bound of Ky and Va., Ala., La., and Miss. south of 31° Tex E of 100°; S of 31° Fla.; also Me., N H. and Vt., in which there are special county zones; Davenport, Ia., and St Louis; (2) Ark E of 98° Ga.; Iowa (except Davenport), Minn Mo. (except St Louis) Neb E of 98° N C., S C., Tenn and Tex N of 31° and E of 100° (except Wichita Falls); also Ala., La and Miss. No of 31°; (3) Ark W of 98°, Kan., Neb W of 98°, N D., Okla., S D., Tex., W of 100° (including Wichita Falls excluding El Paso); (4) Ariz., Colo., Idaho, Mont., Nev., N. M., Utah, Wyo and El Paso, Tex

Sodium sesquisilicate, anhyd., bgs., c.l., t.l., works 100 lbs. 5.70 - —
dms., c.l., t.l., works 100 lbs. 6.20 - —
hydrated, bgs., c.l., works 100 lbs. 5.00 - —
bgs., 6,000-19,900 lb. lots, works, 100 lbs. 5.33 - —
dms., c.l. works 100 lbs. 5.50 - —
dms., 6,000-19,900 lb lots, works, 100 lbs. 5.85 - —
Sodium silicate, liq., 40° Be, turbid, 1:3.2, dms. c.l., works, 100 lbs 1.85 —
dms., t.c.l., works 100 lbs 1.90 2.40
tanks works 100 lbs 1.20 —
47° Be, turbid, 1:2.9, dms., c.l., works 100 lbs. 2.25 - —
dms., t.c.l., works 100 lbs 2.60 - 3.45
tanks works 100 lbs 1.90 —
52° Be turbid, 1:2.4, dms., c.l., works 100 lbs 2.65 —
dms., t.c.l., works 100 lbs. 3.00 - 3.50
tanks works 100 lbs 2.30 —
Solid, 1:3.2, bgs., works ton 67.50 - —

Sodium silicofluoride, bgs., c.l., works..lb. .063 - —
bgs., l.c.l., works.....lb. .080 - —
Sodium silicofluoride in dms., 0.4c. per lb. higher.
Sodium stannate, dms., works, frt. alld. E..lb. .613 - .671
Sodium sulfa drugs (see Sulfa name).
Sodium sulfanilate, bbls., works lb. .33 - —
Sodium sulfate, NF VII, dried, powd., dms lb. .22½- —
Tech., anhyd., bgs., c.l., dlvd. E..ton.54.00 - —
detergent, rayon grade, bgs., c.l., works..ton.38.00 - —
bulk, c.l., works.....ton.32.00 - —
USP, cryst., fib. dms.....lb. .17¼- .18
gran., fib. dms.....lb. .17½- .18
Sodium sulfhydrate, flake, 70-72%, dms., c.l., works, frt. equald. lb. .07¼- —
dms., l.c.l., same basis...lb. .08¼- —
Liq., 40-44%, tanks, works, 100% basis ton.120.00 - —
Sodium sulfide, flake, dms., c.l., works, E., frt. equald. lb. .06 - —
dms., l.c.l., same basis.....lb. .07 - —
fused, bbls., c.l., works, E., frt. equald..lb. .05¼- —
bbls., l.c.l., same basis.....lb. .06½- —
Sodium sulfite, anhyd., bgs., c.l. works 100 lbs. 7.35 - —
bgs., l.c.l. same basis 100 lbs. 7.95 - —
Tech., bgs., c.l., works..100 lbs. 3.50 - —
bgs., t.l., same basis..100 lbs. 4.00 - —
Sodium sulfocyanide, CP (see Sodium thiocyanate)
Sodium tetraborate (see Borax)
Sodium tetrasulfide, liq., 40%, dms., c.l., works, frt. equald lb. .04¼- —
dms., l.c.l., same basis...lb. .05½- —
Sodium thiocyanate, CP, dms. lb. .55 - .65
Tech., anhyd., dms., 1 ton lots or more, works lb. .317 - —
dms., less than ton lots, works lb. .337 - —
Sodium thiosulfate, NF, cryst., bbls. lb. .13¼- —
Sodium thiosulfate, tech. (see Sodium hyposulfite).
Sodium titanate, ctns., c.l., works. lb. .14¼- —
ctns., 5-ton lots, works..... lb. .14½- —
ctns., 1-ton or less, works... lb. .14¾- —
Sodium trichloroacetate, 90%, 100-lb dms., c.l., frt alld E. lb. .37½- —
100-lb. dms., l.c.l., frt. adjusted, E. lb. .39½- —
50-lb. dms., c.l., frt. alld, E. lb. .38 - —
50-lb dms. l.c.l. frt adjusted, E lb. .40 - —
10-lb. cns., c.l., frt. alld, E. lb. .44 - —
10-lb. cns. l.c.l., frt. adjusted, E lb. .46 - —
Prices on Sodium trichloroacetate W. of the Rockies are 1¾c per pound higher.
Sodium tripolyphosphate, bgs., c.l., works, frt. equald 100 lbs. 8.18 - —
bgs., l.c.l., same basis 100 lbs. 8.56 - 9.06
Sodium trisilicate, powd., 1:3.2, bgs., c.l., works 100 lbs. 8.95 - —
bgs., l.c.l., works 100 lbs. 9.70 -10.10
dms., c.l., works.....100 lbs. 9.45 - —
dms., l.c.l., works 100 lbs.10.20 -10.60
Sodium tungstate, tech., kgs. dlvd. E lb. 1.18 Nom.
Sodium-ammonium phosphate, purif., cryst., dms., works lb. .52 - —
Sodium-carboxymethyl cellulose (see CMC).
Sodium-cinchophen (see Cinchophen-sodium).
Sodium-formaldehyde sulfoxylate, dms., c.l., dlvd lb. .21 - —
dms. l.c.l. same basis lb. .21½- —
Sodium-zirconyl sulfate, fib. dms., 1,000-lb lots or more works lb. .28 - —
fib. dms., smaller lots, same basis lb. .30 - —
Solvent naphtha, coaltar, high flash, tanks frt equald gal. .31 - .33
Solvent naphtha, petroleum, aromatic 312°-365°F b.r., 17.2°C. m.a.p. tanks, New Jersey gal. .345 - —
315°-350°F. b.r. 17.2°C. m.a.p., tanks, Texas City gal. .35 - —
342°-351°F. b.r., 15°C. m.a.p., tanks, Baytown, Texas.gal. .32 - —
319°-348°F b.r. 16.5°C m.a.p., tanks, Houston .. gal. .32 - —
334°-392°F. b.r., 19°c. m.a.p., tanks, Philadelphia gal. .25 - —
362°-412°F b.r., 17.5°C m.a.p., tanks, Houston .. gal. .32 - —
365°-404°F b.r. 19°C. m.a.p., tanks, New Jersey gal. .43 - —
367°-421°F b.r. 20°C. m.a.p., tanks, Baytown, Texas.gal. .32 - —
Solvent naphtha, petroleum, aartial aromatic, 205°-282°F b.r., 38°C. m.a.p. tanks, New Jersey gal. .24 - —
211°-277°F. b.r. 25.6°C. m.a.p., tanks, New York, New Jersey gal. .28 - —
212°-293°F. b.r., 38°C. m.a.p., tanks, Philadelphia gal. .24 - —
221°-278°F b.r. 34.8°C m.a.p., tanks, Houston .....gal. .20 - —
266°-374°F b.r. 24°C m.a.p., tanks, Philadelphia .. gal. .25 - —
283°-325°F b.r., 41.6°C. m.a.p. tanks Houston gal. .25 - —
284°-383°F. b.r., 35°C m.a.p., tanks, Philadelphia gal. .27 - —
357°-403°F. b.r., 34°C., m.a.p., tanks, Houston .....gal. .26 - —
358°-401°F. b.r. 24.4°C. m.a.p., tanks, New Jersey gal. .38 - —
Sorbitan monostearate fib dms., 20,000-lb. lots, works lb. .33 - —
fib dms. 10,000 to 20,000-lb lots, works lb. .35 - —
fib. dms., smaller lots, works lb. .38 - .40
Sorbitan tristearate, fib dms. 20,000-lb. lots, works lb. .34 - —
fib. dms., 10,000 to 20,000-lb. lots, works lb. .36 - —
fib. dms., smaller lots, works lb. .39 - .41
Sorbitol, cryst. resin grade, pellets, dms., c.l., works lb. .23 - —
dms. 1 to 5-ton lots, works. lb. .25 - .26
Powd., dms., c.l., works lb. .36 - —
dms., 1 to 5-ton lots, works. lb. .38 - .39
Soln., coml., aqueous, dms., c.l., works lb. .24¼- —
dms. ton lots, works lb. .25 - —
dms., smaller tots. works lb. .25¼- —
tanks, works lb. .23¼- —
NF, reg., 70% aqueous, dms., c.l., works lb. .16 - —
dms. ton lots works lb. .16¾- —
dms. smaller lots works lb. .17 - —
tanks works lb. .15 - —
Soya protein, chemically isolated, old process, bgs., c.l., works. lb. .22 - —
bgs., l.c.l., works ..... lb. .23½- —
Chemically isolated, new process, bgs., c.l., works lb. .19 - —
bgs., l.c.l., works ..... lb. .19½- —
Soybean meal, 44% bulk, Decatur. ton.77.00 -78.00
Soybean oil, crude, tanks, Decatur. lb. .09⅞- —
Foots, soapstock, acid 95%, tanks, N. Y. lb. .05¼- —
Refd., alkali, dms. .....lb. .1453- .1475
tanks .....lb. .1253- —
clarified, dms. .....lb. .1403- .1425
tanks .....lb. .1203- —
salad, dms. .....lb. .14½- .14¾
tanks .....lb. .12½- —

Soybean oil acids, dbl. dist., dms. lb. .19 - .21⅛
tanks .....lb. .16½- —
Single-distilled, dms. .....lb. .17¾- .20¼
tanks .....lb. .15¼- —
Soybean pitch, dms., works.....lb. .03 - .03½
Sparteine sulfate, cns. .....oz. .80 - .90
Spearmint leaves, dom., bls.....lb. .75 - —
Spearmint oil, NF, dms.....lb. 4.50 - 5.53
Sperm oil, bleached, winter, 45°, dms..lb. .1725- .1750
tanks .....lb. .1550- —
Nat., winter, 45°, dms.....lb. .1625- .1650
tanks .....lb. .1450- —
Spermaceti wax, blocks, cs..... lb. .31 - .34
Cakes, cs.....lb. .32 - .34
Spruce extract, liq., reg. tanks, works lb. .01¾- —
Powd., super, bgs., c.l., works, lb. .05¼- —
bgs., l.c.l., works.....lb. .05½- —
Spruce oil, cns., dms. .....lb. 2.10 - 3.33
Squill, white, bls. .....lb. .16 - .18
White, powd., bbls., bxs ..... lb. .17 - .20
St. John's bread, edible, bls ... lb. .14 - .18
Stannic chloride, anhyd., dms., works lb. .771 - .781
Stannic oxide, dms., dlvd. .....lb. 1.02 - 1.03
Stannous chloride, anhyd., dms., works..lb. .971 - 1.465
Stannous chloride, hydrous, cryst., dms., works..lb. .84 - .83
Stannous sulfate, dms., works....lb. 1.027 - 1.047
Starch, corn, pearl, paper bgs., c.l. 100 lbs. 7.38 - —
paper bgs., l.c.l. .....100 lbs. 7.53 - —
Powd., paper bgs, c.l. ..100 lbs. 7.50 - —
paper bgs., l.c.l. .....100 lbs. 7.65 - —
Prices for corn starch in cotton bags, 15c. per 100 lbs. higher.
Starch, potato, dom., idaho, bgs., c.l., works lb. .0633- —
Maine, bgs., c.l., works.....lb. .06½- —
bgs., l.c.l., ex whse, New York. lb. .08¾- .10

Starch, rice, bgs., ex whse.....lb. .14 - .15
Starch, wheat, bgs. ..... lb. .08½- .09
Star root (see Helonias root).
Stargrass root (see Aletris root).
Stavesacre seed, bgs. lb. .60 - .61
Stearic acid, dbl. pressed, bgs... lb. .16 - .18½
Single-pressed, bgs. .....lb. .15½- .18
Triple-pressed, bgs. .....lb. .18¼- .20¾
Stearine, oleo (see Oleostearine)
Stoddard solvent, petroleum tanks, east coast, New Jersey, New York ..gal. .18 - —
tanks, western Pennsylvania, gal. .16 - —
tanks, group 3 ..... gal. .13375- —
tankwagon, Boston .....gal. .20 - —
Chicago .....gal. .209 - —
Cleveland .....gal. .23½- —
Los Angeles, ex tax.....gal. .199 - —
Newark .....gal. .19 - —
New York .....gal. .19 - —
Philadelphia .....gal. .19½- —
Pittsburgh .....gal. .19 - —
Stramonium leaves, bgs. .... lb. .18 - .20
Streptomycin hydrochloride, bulk, gram. .0850- .0875
Streptomycin sulfate, bulk gram. .0850- .0875
Strontium bromide, NF cryst., 150-lb. fib. dms lb. .84 - —
Strontium carbonate, pure, dms., 5-ton lots or more, works. lb. .35 - —
dms., 1-ton lots, works ... lb. .37 - —
Tech., dms., works lb. .19 - —
Strontium chromate fib. dms., works. lb. .49 - —

Strontium iodide, fars, 25-lb lots. lb. 3.57 - —
Strontium nitrate bgs. c.l. works 100 lbs 11.00 - —
bgs., l.c.l., works 100 lbs 12.00 - —
Strontium salicylate, NF, dms lb 1.88 - —
Strontium sulfate, air floated, 90% 325 mesh bgs. works ton 56.70 - 68.15
Strophanthin G (see Ouabain USP)
Strophanthin K lots oz 25.00 - 25.50
Strophanthus seed, Kombi, biologically tested bgs lb 3.50 - 3.75
Styrax, USP, cs..... lb. 3.00 Nom.
Styrene monomer, polymer grade, 99.6% dms. c.l. frt alld. lb. .17 - —
dms., l.c.l., same basis lb. .19 - —
tanks, same basis ..... lb. .14½- —
Tech., 99.2%, tanks, bulk .... lb. .1262- —
dms., c.l., t.l., same basis lb. .1512- —
dms., l.c.l., same basis .. lb. .1712- —
Above prices are escalated for each calendar quarter on the basis of cost of crude oil at the well, cost of petroleum refining labor, and prices in the three major sections of the Wholesale Commodity Price Index.
Styrolyl acetate, bots ... lb. 1.25 - 1.45
Succinic acid, purif., cryst., bbls., works lb .63 - .73
Sucrose, refd., white, bgs. refy E lb .0885- —
Sucrose octa-acetate, denaturing grade, 100-200-lb. lots bgs., l.c.l., works lb. .84 - —
Sugar (see Sucrose).

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NEO-FAT 18
93% STEARIC

NEO-FAT 18-S
95% STEARIC

Both with a high titer of 65°C (min.)

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Sugar cane wax, dom., refd., slabs, 80 lb ctns., works lb .65 - 75
80-lb ctns. spot lb .67¼ - 72¼
Sulfabenzamide, dms kilo 8.80 - 9 90
Sulfabenzamide-sodium, dms kilo 9 00 - 10 10
Sulfacetamide USP fib dms kilo 7 70 - 8.80
Sulfacetamide-sodium, USP, fib dms kilo 8.15 - 9 25
Sulfadiazine, USP microcrystals, dms kilo 23 35 - 24.45
USP, powd., dms kilo 22 60 - 23 70
Sulfadiazine-sodium, USP, dms kilo 24 80 - 25 90
Sulfaguanidine NF X dms kilo 5 50 - 6.60
Sulfamerazine, USP microcrystals dms kilo 23 50 - 24.60
Sulfamerazine-sodium USP powd. dms kilo 24 80 - 25 90
Sulfamethazine microcrystals, USP XV dms kilo 19 65 - 20 75
Powd., dms kilo 18 75 - 19 85
Sulfamic acid, cryst., dms., c.l., t.l., works 100 lbs 16 00 - —
dms., l.c.l., t.l.l., works 100 lbs 17 50 - 18 50
100 lbs. or more lb. 6.00 - —
gran., dms., c.l., t.l., works, 100 lbs. 14.75 - —
dms., l.c.l., t.l.l., works 100 lbs. 16.25 - 17.25
Sulfanilamide NF X 30-80 mesh, dms kilo 3 05 - 3 50
NF X, microcrystals, dms kilo. 3.79 - 4.20
NF X, powd., dms kilo. 2.85 - 3.30
Sulfanilamide quinoxaline, veterinary dms kilo. 14.12 - 14.85
Sulfanilic acid, tech., dms., c.l., frt. alld lb .21 - —
dms., l.c.l., frt. alld lb .23 - —
Sulfapyridine USP XV powd., bots., tins kilo. 15 45 - 16.55
Sulfapyridine-sodium, monohydrate, dms kilo. 16.55 - 17.65
Sulfathiazole NF X, powd., dms, kilo 5.50 - 5.85
microcrystals, dms., kilo. 6.25 - 6.60
Sulfathiazole sodium, NF X, dms, kilo 6.05 - 6.40
Sulfur, coml., flour, bgs., mines, 100 lbs 2.45 - —
bbls., mines 100 lbs 3.30 - —
lump, bgs., mines 100 lbs. 2.25 - —
bbls., mines 100 lbs. 2.90 - —
Sulfur, crude, dom., bright, bulk, f.o.b. cars, mines long-ton. 23.50 - —
Export, f.o.b. vessels Gulf ports long-ton. 25 00 - —
US and Canada, f.o.b. vessels Gulf ports, long-ton. 25.00 - —
Domestic dark sulfur prices are $1 per long-ton lower
Sulfur, crude, bulk, imp., Mexican, filtered f.o.b. vessel, Coatzacoalcos long-ton. 24.00 - —
Mexican dark sulfur price is $1 per long ton lower
Sulfur, refd., flowers, NF, bgs., mines 100 lbs. 5.15 - —
bbls., mines 100 lbs. 6 50 - —
flour, light, bgs., mines 100 lbs. 4.75 - —
bbls., mines 100 lbs. 5.75 - —
lump, bgs., mines 100 lbs. 4.45 - —
rolls, bgs., mines 100 lbs. 5.00 - —
bbls., mines 100 lbs. 5 75 - —
salt block, bgs., mines 100 lbs. 4.65 - —
virgin block, bbls., mines, 100 lbs. 4.70 - —
Sulfur, rubbermakers', coml., reg., bgs., mines 100 lbs. 2.55 - —
bbls., mines 100 lbs. 3.30 - —
98-100%, passing through 325 mesh, bgs., mines 100 lbs. 2.65 - —
bbls., mines 100 lbs. 3.90 - —
refd., bgs., mines 100 lbs. 4.40 - —
bbls., mines 100 lbs. 5 55 - —
treated 2.5% mineral oil, bgs., mines 100 lbs. 2.85 - —
bbls., mines 100 lbs. 4.10 - —
Sulfur dichloride, ref. dms., c.l., works, frt. equald lb. .04½ - —
ref. dms., l.c.l., same basis lb. .03¾ - —
tanks, same basis lb. .04 - —
Sulfur dioxide, liq., coml., cyls., works, frt. equald lb. .10 - .12
multi-unit cars, works lb. .0335 - —
tanks, works lb. .045 - —
Refrigeration, 120-lb cyls., dlvd. lb. .33 - —
Sulfur monochloride 55-gal. non-ret. dms., c.l., frt. equald lb. .0[illegible] - —
dms., l.c.l., same basis lb. .05¼ - —
tanks, same basis lb. .04 - —
Sulfuric acid 60° Be, cbys., c.l., works 100 lbs 2 00 - —
cbys., l.c.l., works 100 lbs. 2.30 - —
tanks, works ton 18.00 - —
66° Be, cbys., c.l., works 100 lbs. 2.25 - —
cbys., l.c.l., works 100 lbs 2.55 - 3.35
tanks, works ton 22.35 - —
98%, tanks, works ton 23 50 - —
99.100% tanks works ton 23.95 - —
CP, NF, consumers' cbys., c.l., frt. equald lb. .12¾ - —
consumers' cbys., l.c.l., same basis lb. .14¼ - .14¾
5-pt. bots. extra, cs., c.l., works, frt. alld lb. .16¼ - —
5-pt bots extra cs., l.c.l., same basis lb. .17¾ - .18¾
Sulfuric acid, fuming (oleum), 20% tanks, works ton 25 00 - —
40%, tanks, works ton 29 00 - —
65%, tanks, works ton 39.50 - —
Sumac leaves, 28% tannin, bgs., ex dock ton. 205 00 Nom.
28% tannin, grd., bgs., ex dock ton. 200.00 Nom.
Superphosphate, run-of-pile, under 22% a.p.a., pulv., bulk, c.l., Baltimore unit-ton. .90 - .93
bulk, c.l., Carteret, N. J., unit-ton. .90 - .93
Triple, 48% or more a.p.a., pulv., bulk, c.l., East Tampa, Fla., unit-ton. .98 - —
Sweet birch oil, USP, northern, ens. lb. 4.00 - 9.50
USP, southern, ens. lb. 2.10 - 3.05

T

2,4,5-T, dms., c.l., works, frt. equald, lb. 1.18 - —
dms., l.c.l., same basis lb. 1.25 - —
2,4,5-T isopropyl ester, dms., c.l., works, frt. equald lb. 1.24 - —
dms., l.c.l., works lb. 1.29 - —
Talc, dom., fibrous, New York, grd., bgs., c.l., works ton 28 00 - —
bgs., l.c.l., works ton. 31.00 - 36.00
Dom., fibrous, New York, 99.5%, 325 mesh bgs., c.l., works, ton. 31.00 - —
bgs., l.c.l., works ton. 34 00 - —
99.95% micronized, bgs., works, ton. 38.00 - —
ord., Calif., grad., bgs., c.l., works ton. 34.00 - 39.50
Vermont, off-color, grd., bgs., c.l., works ton. 19.40 - —
bgs., l.c.l., works ton. 37 00 - -
Imp., Canadian, grd., bgs., c.l., mines ton. 20.00 - 45.00
Tall oil, crude, dms., c.l., works, tanks, works lb. .04¼ - .04½
dms., l.c.l., works lb. .02¾ - .03
Dist. dms., c.l., works lb. .07¾ - —
dms., l.c.l., works lb. .08 - .08½
tanks, works lb. .06 - .06½
Refd., dms., c.l., works lb. .06¾ - —
dms., l.c.l., works lb. .07 - .07½
tanks, works lb. .05½ - .06
Tall oil acids, dms., c.l., works, dms., c.l., works, tanks, works lb. .10½ - .12
lb. .11 - .12½
lb. 06½ - 10
Tall pitch, dms., c.l., works ton. 50.00 - 70 00
tanks, works ton. 40.00 - —
Tallow, edible, tanks, dlvd. lb. .11⅜ - .11½
inedible, fancy, bleachable, tanks, dlvd lb. .08⅜ - .08¾
fancy, guaranteed, dms., f.a.s. lb. .09¾ - —
No. 1, tanks, dlvd. lb. .07¾ - .07⅞
prime, tanks, dlvd. lb. .08⅜ - .08½
special, tanks, dlvd. lb. .07½ - .08¼
sulfonated, 25%, bbls., l.c.l. lb. .08¾ - .09¼
50%, bbls., l.c.l. lb. .10 - .10½
Tallow acids, dist., dms. lb. .13½ - .18
tanks lb. .11 - —
Hydrogenated, dms. lb. .15½ - .18
Tallow oil, acidless, dms., c.l. lb. 14½ - —
dms., l.c.l. lb. 15½ - 17
Tangerine oil, Floridian, dms. lb. 2.95 - 3.50
Tankage, animal, feeding, 9-11% ammonia, New York, bulk, unit-ton. 7.00 - —
Animal, feeding, 9-11% ammonia, Chicago, bulk, unit-ton. 8.00 - —
Tannic acid, NF, fluffy, bbls, 1,000-lb lots lb 2.05 - —
bbls., smaller lots lb 2.06 - 2.10
Powd., bbls., 1,000-lb. lots lb. 1.95 - —
bbls., smaller lots lb 1.96 - 2.01
Tech., dms lb 1.05 - —
Tansy oil, dms. lb 7.50 - 9.50
Tapioca flour, Brazilian, nos., ex whse lb. .10¼ - .11½
Siamese, first quality, same basis, lb. .07 - .07½
Tar acid oil, 15-18%, dms., c.l., frt. equald gal. .53½ - —
dms., l.c.l., same basis gal. .55½ - —
tanks, same basis gal. 45½ - —
25-28%, dms., c.l., same basis gal. .60 - —
dms., l.c.l., same basis gal. .62 - —
tanks, same basis gal. .50 - —
50-53% dms., c.l., same basis gal. .75 - —
dms., l.c.l., same basis gal. .77 - —
tanks, same basis gal. .65 - —
Tar, coal (see Coaltar)
Tartar emetic (see Antimony potassium tartrate)
Tartaric acid, dom., NF, 230 or 250-lb. dms., c.l. lb. .49 - —
230 or 250-lb. dms., 10,000-lb. lots, 1 shipt lb. 49½ - —
230 or 250 lb. dms., smaller lots lb. .50 - —
100-lb. dms. lb 51 - —
Imp., NF, bgs., dms., kgs. lb. .40 - .44
Tartaric hydrate, NF, cryst., powd., 100-lb. fib. dms lb .70
Terpineol, extra, dms. lb. .41 - .70
Prime, dms. lb. .30 - .45
Terpinyl acetate, extra, cns., dms. lb. .64 - .75
Prime, dms. lb .53 - .56
Terpinyl propionate, dms lb 1.75 - 3.00
Terra alba (see Gypsum)
Testosterone, USP, bots gram. No prices
Testosterone, proprionate, USP gram. No prices
Tetrachloroethane, dms., works lb .14½ - —
Tetrasodium pyrophosphate (see Sodium pyrophosphate)
Tetrachloroethylene, tech. (see Perchloroethylene).
Tetrachloroethylene, USP, 55-gal. dms., c.l., t.l., works lb. .20½ - —
dms., t.c.l., works lb. .22 - 23½
Tetraethyl orthosilicate, dms., c.l., dlvd. E lb. .60 - —
dms., l.c.l., dlvd. E lb. .61 - —
Tetraethyl pyrophosphate, 40%, cns., dms., frt. equald lb. 75 - —
Tetraethylenepentamine, dms., c.l., dlvd. E lb. .53½ - —
dms., l.c.l., dlvd. E lb. .54½ - —
tanks, dlvd. E lb. .51 - —
Tetrahydrofuran, dms., c.l., t.l., works lb. .36½ - —
dms., l.c.l., or t.l.l., works lb. .37 - —
tanks, works lb. .35 - —
Tetrahydrofurfuryl alcohol, dms., c.l., t.l., Memphis, Tenn., lb. .34½ - —
dms., l.c.l., t.l.l., Memphis, Tenn., lb. .35½ - —
dms., c.l., t.l., Newark, N. J. lb. .36½ - —
dms., l.c.l., t.l.l., Newark, N. J., lb. .37½ - —
tanks, dlvd. E, of Denver lb. .34 - —
tanks, dlvd. W of Denver lb. .35 - —
Tetrapotassium phosphate (see Potassium phosphate)
Thallium metal, dlvd. lb. 7.50 - 10.00
Thallium sulfate, 99%, bots., dlvd. lb. 5.00 - 10.00
Theobromine, NF, fib. dms lb 4.50 - —
Theobromine and sodium acetate, USP, fib. dms lb 4.75 - —
Theobromine sodio salicylate, NF, fib. dms lb 3.90 - —
Theophylline, anhyd., or USP, 100-lb. dms lb 3.65 - —
Thiamin hydrochloride, USP, reg., fib. dms kilo. 40.00 - —
USP ampule grade, fib. dms kilo. 42.00 - —
Thiamin mononitrate, USP, fib. dms kilo. 40.00 - —
Thiocarbanilide, dms., ton lots lb 72 - —
dms., less ton lots lb 74 - —
Thiodiphenylamine (see Phenothiazine).
Thioflavin green toner, brilliant, molybdated, PMA, kgs., works lb. 5.20 - —
Tungstated, PTMA, kgs. works, lb. 6.20 - —
Thioglycolic acid, refd., cbys., 100% basis lb 1.35 - 1.55
Thiosalicylic acid, purif., dms., 1,000-lb lots, works lb 4.00 - —
Thiourea, tech., bgs., t.l., frt. alld. lb. .30 - —
bgs., ton lots, same basis lb. .32 - —
bgs., less than ton lots, same basis, lb. .33 - —
Thorium nitrate, purif., fib. dms., 100-lb. lots or more, works lb 3.50 - —
dl-Threonine, bots., 1-kilo lots, kilo. 275.00 - —
Thyme leaves, French, bgs. lb. .34 - —
Spanish, bgs lb. 14 - —
Thyme oil, NF, red, cns., dms lb. 2.00 - 2.25
white, cns. lb. 2.20 - 2.50
Tech., white, cns lb 40 - 1.85
Thymol, fib. dms lb 2.60 - 3.00
Thymol iodide, NF, dms. lb. 7.30 - —
Timbo root (see Cube root).
Tin chloride (see Stannous chloride, annyd.)
Tin crystals (see Stannous chloride, hydrous)
Tin metal (Straits) lb. .96¼ - —
Tin oxide (see Stannic oxide)
Tin sulfate (see Stannous sulfate).
Tin tetrachloride, anhyd. (see Stannic chloride anhyd.)
Titanium dioxide, anatase, ceramic, bgs., c.l., dlvd. lb. .25½ - —
bgs., l.c.l., dlvd. lb. .26½ - —
reg., bgs., c.l., dlvd. lb. .25½ - —
bgs., l.c.l., dlvd. lb. .26½ - —
Anatase, granular, nat., bgs., c.l., f.o.b. Jacksonville, Fla. ton. 180.00 - —
5-ton lots, Niagara Falls, N.Y. ton. 205.00 - —
bgs., ton lots, same basis, ton. 215.00 - —
Milled metallurgical titanium dioxide $7.50 per ton higher
Rutile, non-chalking, bgs., c.l., dlvd. E lb. .27½ - —
bgs., l.c.l., dlvd. E lb. 28½ - —
Titanium dioxide-calcium pigment, 30% Ti O2, reg. bgs., c.l., dlvd lb. .09⅜ - —
bgs., l.c.l., works lb. .09⅞ - —
50% Ti O2, high-tinting, dms., c.l., lb. .14⅜ - —
dms., l.c.l. lb. .14⅞ - —
Titanium hydride, powd., dms., works lb. 8.10 - 9.00
Titanium tetrachloride, tech., dms., c.l., works lb. .26 - —
dms., l.c.l., works lb. .27½ - .29
tanks, works lb. .20 - —
Tobias acid, bbls., l.c.l. lb. .81 - —
d-a-Tocopherols, mixed, NF, conc., pure basis, bots kilo. 91.00 - —
dl-a-Tocopherol, bots kilo. 134.20 - —
d-a-Tocopheryl acetate, NF, conc., pure basis, bots kilo. 166.00 - —
d-a-Tocopheryl acid succinate, cryst., bots kilo. 148.00 - —
dl-a-Tocopheryl acetate, bots kilo. 122.00 - —
25% dry powd., bots kilo. 30.50 - 32 00
33% dry powd., bots kilo. 40.65 - 42.50
o-Tolidine base, dry, kgs., 100% basis lb. 1.50 - —
Paste, kgs., 100% basis lb. 1.45 - —

Toluol

Toluol quotations, both coaltar and petroleum, may be found under Toluene.

o-Tolidine, hydrochloride, paste, kgs., 100% basis lb. 1.45 - —
Tolu balsam, cns. lb. 3.10 - 4.35
Toluene, coaltar, indust., or nitration, tanks, dlvd. E. of Rockies gal. .25 - —
Toluene, petroleum, indust., tanks, E. of Rockies gal. .25 - .32
p-Toluenesulfonamide, powd., dms., works lb. .70 - —
p-Toluenesulfonic acid, dms., c.l., t.l., works lb. .17 - —
dms., l.c.l., works lb. .18 - —
p-Toluenesulfonic acid, monohydrate, dms., c.l., or t.l lb. .90 - —
dms., 125 lbs. to t.l lb. 1.00 - —
m-Toluidine, dms., c.l., works, frt. alld lb. .79 - —
dms., l.c.l., same basis lb. .80 - —
tanks, same basis lb. .78 - —
o-Toluidine, dms., c.l., works, frt. alld lb. .27 - —
dms., l.c.l., same basis lb. .28 - —
tanks, same basis lb. .25 - —
p-Toluidine, flake, dms., frt. alld lb. .54 - —
Solid, dms., frt. alld lb. .50 - —
o-Toluidine-m-sulfonic acid, frt. alld. lb. .70 - —
p-Toluidine-m-sulfonic acid, bbls., works lb. .92 - 1.04
Toluidine red toner, deep shades, kgs., works lb. 1.70 - —
Light shades, kgs. works lb 1.70 - —
2,4-Tolylenediamine, cryst., fib. dms., l.c.l., frt. alld lb. 1.10 - —
Tonka beans, Angostura, cks lb. No prices
Brazilian, Surinam, cs lb. 1.35 - —
Totaquine 100-oz lots, cns oz. .42 - —
Toxaphene, dms., c.l., t.l., works lb. .22 - —
dms., t.c.l., t.t.l., works lb. .29 - —
Tragacanth gum, No. 1, ribbons, cs lb 3.50 - 4.50
No. 2, cs. lb 3.40 - —
No. 3, cs lb 3.00 - 3.10
USP, powd., bbls. lb. 1.25 - 1.38
Triacetin, dms., c.l., dlvd. E, ex Rockies lb. .39 - —
dms., l.c.l., same basis lb. .40 - —
tanks, same basis lb. .37 - —
Triallylamine, dms., c.l., dlvd. lb. .985 - —
dms., l.c.l., dlvd. lb. .995 - —
tanks, dlvd. lb. .96 - —
Tributyl citrate, tech., non-ret. dms., c.l., frt. alld E of Denver lb. .42½ - —
non-ret. dms., l.c.l., frt. alld, E. of Denver lb. .43½ - —
tanks, frt. alld, E. of Denver lb. .40 - —
Tributyl phosphate, dms., c.l., works lb. .52½ - —
dms., l.c.l., same basis lb. .53½ - —
tanks, same basis lb. .50 - —
Tributylamine, dms., c.l., works lb. .67½ - —
dms., l.c.l., same basis lb. .68½ - —
tanks, same basis lb. .65 - —
Trichloroacetic acid, bots lb. 2.00 - 2.50
Trichlorobenzene, dms., c.l., frt. alld. E lb. .15 - —
dms., l.c.l., frt. alld E lb. .16 - —
tanks, frt. alld E lb. .13¼ - —
Trichlorobenzene prices in the West 1¾c higher.
1,1,1-Trichloroethane, dms., c.l., dlvd. lb. .13¾ - —
dms., l.c.l., dlvd. lb. .16¾ - —
tanks, dlvd. lb. .12¾ - —
1,1,2-Trichloroethane, dms., c.l., works lb. .13½ - —
dms., l.c.l., dlvd. E lb. .14¼ - —
tanks, works lb. .11½ - —
Trichloroethylene, dms., c.l., or t.l., works, frt. equald lb. .13 - —
dms., l.c.l., frt. alld lb. .15 - .16¾
tanks, works, frt. equald lb. .12 - —
Trichlorophenoxyacetic acid (see 2,4,5-T).
Tricholine citrate 65% soln. ret. cbys. works, frt. adjusted lb. 1.40 - 1.45
Tricresyl phosphate, coaltar, dms., c.l., dlvd lb. .35 - —
dms., l.c.l., dlvd. lb. .36 - —
tanks, dlvd. lb. .32½ - —
Petroleum, dms., c.l., dlvd. lb. .34½ - —
dms., l.c.l., dlvd. lb. .35½ - —
tanks, dlvd. lb. .32½ - —
Tridecyl alcohol, mixed isomers, dms., dlvd. lb. .26½ - —
dms., l.c.l., dlvd lb. .27½ - —
Triethanolamine, dms., c.l., dlvd. E lb. .24½ - —
dms., l.c.l., same basis lb. .25½ - —
tanks, same basis lb. .22 - —
Triethanolamine lauryl sulfate, dms., c.l., t.l., frt. alld. lb. .24 - —
dms., l.t.l., frt. alld. lb. .25 - —
tanks, frt. alld. lb. .23 - —
Triethylamine, dms., c.l., works, dlvd. E lb. .50 - —
l.c.l., same basis lb. .51 - —
tanks, same basis lb. .47½ - —
Triethyl citrate, refd., tech., non-ret. dms., c.l., frt. alld E. of Denver lb. .46¼ - —
non-ret. dms., l.c.l. frt. alld. E. of Denver lb. .47¼ - —
tanks, frt. alld. E of Denver lb. .43¾ - —
Triethyl phosphate, dms., c.l., dlvd lb. .40½ - —
dms., l.c.l., dlvd. lb. .41½ - —
tanks, dlvd lb. .38 - —
Triethylene glycol, dms., c.l., dlvd. E lb. .21 - —
dms., l.c.l., dlvd. E lb. .22 - —
tanks, same basis lb. .18½ - —
Triethylenetetramine, dms., c.l., dlvd. E lb. .51½ - —
dms., l.c.l., dlvd. E lb. .52½ - —
tanks, dlvd. E lb. .49 - —
Tri-isopropanolamine, dms., c.l., dlvd. E lb. .23¼ - —
dms., l.c.l., dlvd. E lb. .24¼ - —
tanks, dlvd. E lb. .20¾ - —
Trimethylamine, anhyd., cyls., l.c.l., frt. equald, 100% basis lb. .30 - .305
tanks, same basis lb. .26 - —
25-40% soln., dms., c.l., works, frt. equald, 100% basis lb. .35 - —
dms., l.c.l., works, frt. equald., 100% basis lb. .35½ - —
tanks, works, frt. equald, 100% basis lb. .26 - —
Trioxane pure, dms. c.l. t.l. works, lb. .50 - —
dms. l.c.l., works lb. .51½ - —
Tripentaerythritol, bgs., l.c.l., dlvd. E. lb. .35 - —
Triphenyl phosphate, bbls. c.l., frt. equald lb. .41½ - —
bbls., l.c.l., frt. equald lb. .43½ - —
Triphenylguanidine, bbls. works lb. .90 - —
tanks, same basis lb. .18½ - —
Tripropylene glycol, dms., c.l., t.l., frt. alld. E lb. .21 - —
dms. l.c.l., t.t.l., frt. alld E lb. .22 - —
Tripropylene glycol, tankcars and compartmented tankcars, frt. alld. E lb. .18½ - —
tankwagons and compartmented tankwagons, 1,000 gals. min. frt. alld E lb. .19 - —
Tripropylene glycol prices 1c per lb higher in West.
Trisodium phosphate (see Sodium phosphate tribasic)
dl-Tryptophane, fib. dms., works, lb. 55.00 - —
Tung oil, dms., c.l., New York lb. .23 - —
dms., l.c.l., New York lb. .23¼ - .23½
tanks, New York lb. .21½ - —
tanks, domestic mills lb. .21½ Nom.
Tungsten metal, powd., 2.0-2.5 microns, dms., works lb. 3.73 - —
Tungstic acid, tech. dms. 1,000-lb lots, works lb. 2.15 Nom.
dms., smaller lots, works lb. 2.30 Nom.
Turkey red, bbls. works lb. .62 —
Turpentine, gum (see Protective Coatings market, Naval Stores).
Turpentine oil, NF, cns., dms lb. .28 - .50
Tyrothricin USP, bots gram. .55 - .58
Tuscan red, bbls. frt. equald lb. .26 - .32

U

Ultramarine blue, cobalt type, dry or pulp, 250-lb. bbls., dlvd. E. of Rockies lb. .35 - .39¼
Jobbing types, bbls., same basis, lb. .19 - —
Regular types, dry bbls., same basis lb. .22½ - .33
Ultramarine blue prices 1c. higher W. of Rockies.
Umber, pigment, burnt, American, bgs., c.l., works lb. .07½ - .07¾
bgs., l.c.l., works lb. .07¾ - .08
Burnt, Turkey-type, bgs., c.l., Boston, Bethlehem, Easton, Pa., Hiwassee, Va., N. Y. lb. .08¼ - —
Raw, American, bgs., works lb. .07¾ - .08¼
Turkey-type, bgs., works lb. .08½ - .08¾
Undecylenic acid, dms. lb. 1.45 - —
Unicorn root, false (see Helonias root).
Unicorn root, true (see Aletris root).
Urea, 46% N, indust., bgs., c.l., t.l., dlvd. E ton. 125 00 - —
bgs., l.c.l. dlvd. E, ex whse. ton. 145.00 - —
45% N, agricultural, bgs., c.l., (30 tons) dlvd. E ton. 110.00 - —
Urea-ammonia liquor, A and B grades, N basis, tanks, Belle W. Va ton 126 00 - —
C grade, tanks, same basis ton 124.50 - —
37 grade, tanks, same basis ton. 153 00 - —
Urethane USP, dms., t.l., f.o.b., works lb. .65 - —
dms., l.t.l., same basis lb. .70 - —
Uva-ursi leaves, bls. lb. .17 - .19

V

Valerian root, Belgian, bgs. lb. .35 - —
Indian, bgs. lb .29 - —
dl-Valine, dms., works lb. 21.00 - 27.50
Valonia beards, 40-42% tannin, bgs., ex dock ton. 88.00 - 90.00
Valonia cups, 28-30% tannin, bgs. ex dock ton. 66.00 - 67.00
Valonia extract, powd., 63% tannin, bgs., ex dock lb. .11 - —
Vanadium pentoxide, tech., dms., works lb. 1.28 - 1.33
Vandyke brown, bbls. works lb 09½ 12
Vanilla beans, Bourbon, tins lb. 10.75 - 11.50
Mexican, cuts, tins lb. 10.50 - 11.00
whole tins lb. 10.70 - 11.50
Tahiti, cs. lb. 8.20 - 8.50
Vanillin, ex lignin, 100-lb. fib. dms., 1,000-lb. lots or more lb. 3.00 - —
100-lb. fib. dms., 500-lb. lots lb. 3.10 - —
100-lb. fib. dms., 100-lb. lots lb. 3.25 - —
Venetian red, jobbing, bgs., works, lb. .0475 - —
20%, bgs., works lb. .0525 - —
25%, bgs., works lb. .0575 - —
30%, bgs., works lb. .06 - —
35%, bgs., works lb. .0625 - —
40%, bgs. works lb 0.75 - —
Vetiver oil, Bourbon, cns. lb. 13.00 - 15.50
Haitian, cs. lb. 10.00 - 11.50
Java, cns lb. 11.75 - 12.25
Victoria blue toner, molybdated, PMA, 250-lb. bbls., dlvd. E. of Rockies lb. 4.50 - —
Victoria blue toner bbls. prices 1c. higher W. of Rockies.
Vinyl acetate monomer, zone 1, 55-gal. dms., c.l., dlvd lb. .20 - —
55-gal. dms., l.c.l., dlvd lb. .21 - —
tanks, dlvd lb. .17½ - —
tanktrucks less than 4,000 gal., dlvd lb. .18 - —
Zone 2, 55-gal. dms., c.l., dlvd lb. .21 - —
55-gal. dms., l.c.l., dlvd lb. .24 - —
tanks, dlvd lb. .18½ - —
tanktrucks less than 4,000 gals., dlvd lb. .19 - —
Zone 1 is all continental U. S. except Zone 2. Zone 2 comprises Ariz., Calif., Idaho, Mont., Nev., Ore., Utah and Wash.

Vinyl n-butyl ether, tech., dms., t.c.l., works lb. .50 - —
Vinyl chloride monomer, tanks, works lb. .11 - .125
Vinyl ether, tech., dms., c.l., works. lb. .26 - —
dms., l.c.l., works lb. .28 - —
tanks, works lb. .25 - —
USP, anesthesia, bots., 50cc. hospitals bot. 1.12 - —
USP, anesthesia, bots., 7.5cc. hospitals bot 1.58 - —
Vinyl ethyl ether, tech., dms., c.l., works lb. .29¼- —
dms., l.c.l., works lb. .30 - —
tanks, works lb. .27¼- —
Vinyl methyl ether cyls, works lb .30 —

Cylinders are sold nutrient, or if shipped against deposit, a free period of sixty days is allowed; and if empties are returned prepaid and in good condition within that period full refund is made

Vinyl propionate monomer dms., c.l., dlvd lb. .49½- —
dms., l.c.l., same basis lb. .50½- —
tanks, same basis lb 47 —
Vinyl trichloride (see Trichloroethane)
2 Vinylpyridine 10 dms to tanks, works lb 1.34 - —
1 to 9 dms., works lb 1.48 - —
tanks works lb 1.31 - —
Vinyltoluene, dms., c.l., frt. alld lb. .16 - —
dms., l.c.l., frt. alld lb. .18 - —
tanks, frt. alld lb. .13½- —
Viosterol, in nat. vegetable oil, 1,000,000 D units per gram, bots., lots of 10 billion USP units 1,000,000 units 02½- —
Virginia type red bbls works lb 1.40 —
Vitamin A acetate syn., cryst., heads 500,000 A units per gram gram .07¼- —
dry, 500,000 units per gram, kilo lots kilo 67.50 - —
325,000 units per gram, same basis kilo.43.88 - —
250,000 units per gram, same basis kilo.33.75 - —

Dry vitamin A acetate in less than kilo lots, $2.50 per kilo higher in all potencies

Vitamin A, liq in oil 1,000,000 A units per gram 1,000,000 units .10 - —
Vitamin A, palmitate, liq 1,000,000-1,800,000 A units per gram 1,000,000 units .10 - —
Liq in oil, 1,000,000 A units per gram 1,000,000 units .10 - —
Vitamin B_1 (see Thiamine hydrochloride)
Vitamin B_2 (see Riboflavin and Yeast)
Vitamin B_{12}, cryst., 1-50 grams, vials, tins gram.190.00 - —

Oral grade solids, in containers of 1 and 10 grams of B_{12} activity gram.160.00 - —

0.1 percent triturations of cryst B_{12} with dicalcium phosphate or mannitol, 1-10 kilo.218.00 - —

Vitamin C (see Ascorbic acid)
Vitamin D (see Codliver and Fish-liver oils, Calciferol and Viosterol)
Vitamin D_2, dry, 850,000 units per gram, kilo lots kilo 42.50 - —
850,000 units per gram less than kilo lots kilo.45.90 - —
Vitamin E (see a-Tocopherol and Wheat germ oil)
Vitamin G (see Riboflavin)
Vitamin H (see Biotin)
Vitamin K, active (see Menadione).
Vitamin K_1, 25 gram bots gram 4.50 - —
Violet methyl toner (see Methyl violet toner)
VM&P naphtha (see Naphtha, VM&P, petroleum)

W

Wahoo root, bark, bls. lb. 2.10 - —
Warfarin 0.5% dms., 50-lb. lots, dlvd lb 1.93 - —
dms., 25-49-lb. lots, New York or Chicago lb 2.05 - —
cns., 5-24-lb. lots, New York or Chicago lb. 2.15 - —
Watchung-type reds, bbls lb 1.95 - —
Wattle bark fair average, African, bls., ex dock ton.68.00 - —
Merchantable, bls., ex dock ton.64.00 - —
Wattle extract liq., 35% tannin, bbls lb. .08¼- .08½
Solid, East Africa, 60% tannin, bgs., ex dock lb. .08275- —
South Africa, 60% tannin, bgs., ex dock—lb. .0840- —

Waxes

Wax quotations are listed individually. For example, prices on Wax, carnauba, may be found in the C's under Carnauba wax.

Wheat germ oil, 5-gal. dms gal.12.25 - —
Wheat starch (see Starch, wheat).
White lead (see Lead, white).
White mineral oil (see Mineral oil, white).
White pine bark, rossed, bls lb. .18 - .19
White precipitate, USP, powd., dms., lb. 6.55 - —
Whiting (see Calcium carbonate)
Wild cherry bark, thin, nat., bls lb. .18 - —
Thin, rossed, bls. lb. .21 - —
Wintergreen oil, USP, nat., northern, cns. lb. 6.35 -17.50
USP, nat., southern, cns lb. 3.75 - 5.50
Wintergreen oil, syn (see Methyl salicylate).
Witch hazel bark, bls. lb. .16 .17
Witch hazel leaves, bls. lb. .22 - —
Wollastonite, fine, bgs., c.l., works. ton.39.50 - —
bgs., l.c.l., ex whse ton.56.00 - —
Medium, bgs., c.l., works ton.27.00 - —
bgs., l.c.l., ex whse ton.44.00 - —
Wood alcohol (see Methanol).
Wood oil (see Tung oil)
Woolfat, crude (see Degras).
Woolfat, USP (see Lanolin).
Wormseed, Levant, bgs lb. 4.25 - 4.50
Wormseed oil (see Chenopodium oil, NF).
Wormwood oil, cns. lb. 4.90 - 5.80

X

Xylene, coaltar, indust., tanks, works:
Bethlehem, Pa. gal. .33 - —
Birmingham dist. gal. .32 - —
Chicago, dist. gal. .34 - —
Cleveland dist. gal. .34½- —
Geneva, Utah gal. .29 - —
Johnstown, Pa. gal. .33 - —
Lackawanna, N. Y. gal. .34 - —
Lone Star, Tex. gal. .31¼- —
Lorain, Ohio gal. .33 - —
Middletown, Ohio gal. .34 - —
Minnequa, Colo. gal. .34 - —
Philadelphia dist. gal. .33 - —
Pittsburgh dist. gal. .32 - —
Sparrows Point, Md. gal. .33 - —
Terre Haute, Ind. gal. .34 - —
Youngstown, Ohio gal. .32½- —

Xylene, petroleum, indust., tanks, works:
Bayonne, N. J. gal. .33 - —
Baytown, Tex. gal. .31¼- —
Charleston, S. C. gal. .33 - —
Chicago, Ill. gal. .34 - —
Houston, Tex. gal. .31¼- —
Philadelphia, Pa. gal. .33 - —
Providence, R. I. gal. .33 - —
Wood River, Ill. gal. .34 - —
Xylenol, cryst., 45°-47° C., m.p., dms., t.c.l., works lb. .23 - —
58°-58°C. m.p., dms., t.c.l., works, frt. equald lb. .33 - —
60°-62°C., m.p. dms., t.c.l., same basis lb. .40 - —
Xylenol fraction, b.r. 7°-9°C., dry above 227°C., dms., c.l., same basis gal. 1.23 - —
dms., t.c.l., same basis gal. 1.30 - —
tanks, same basis gal. 1.05 - —
b.r. 7-9°C., dry at or below 227°C., dms., c.l., same basis gal. 1.35 - —
dms., t.c.l., same basis gal. 1.40 - —
tanks, same basis gal. 1.15 - —
Xylidines, mixed o-m-p, dms., c.l. or t.l., works lb. .39 - —
dms., t.c.l., same basis lb. .40 - —
tanks, same basis lb .38 - —

Xylol

Xylol quotations, both coaltar and petroleum, may be found under Xylene.

Y

Yara yara oil, cns. lb. 2.15 - 3.05
Yeast, brewers, debittered, USP, Saccharomyces dlvd lb. .37 - —
Dry, USP, 50 Int'l B units per gram 100-lb dms lb. .47 - —
90 Int'l B units per gram, 100-lb. dms lb. .52 - —
200 Int'l B units per gram, 100-lb. dms. lb. .56 - —
300 Int'l B units per gram, 100-lb. dms lb. .60 - —
Torula, USP, dlvd lb. .18 - —
Yerba santa leaves, bls. lb. .42 - .43
Ylang-ylang oil, Bourbon, bots lb.19.00 -23.00

Yellow Pigments

Yellow pigment quotations are listed individually. For example, prices on Yellow, benzidine, may be found in the B's under Benzidine yellow.

Ylang-ylang oil, Bourbon, extra, bots lb.28.00 -40.00
Madagascar, bots lb. No Stocks.

Yohimbine hydrochloride, bots, tins, oz. 4.75 - 5.25

Z

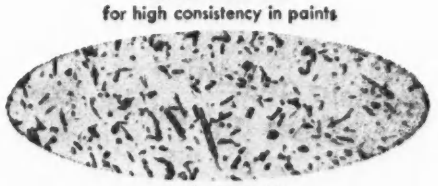
Zein, bgs., 36,000-lb lots or more, lb 38 - —
bgs., 1,000 to 36,000-lb. lots, works. lb. .40 - —
bgs., smaller lots, works lb 43 —
Zinc acetate, NF VIII dms lb 53 —
Tech., dms., l.t.l., works lb. .29¾- —
Zinc borate, bgs., 1,000 lbs. or more, works lb. .23 - —
bgs., less than 1,000 lbs., same basis lb. .23 - —
Zinc chloride, NF, gran., dms lb 42 - —
Precip., powd., dms lb .26 - —
Soln., 50% dms. c.l., works 100 lbs 5.80 - —
dms., t.c.l., works 100 lbs 6.40 - —
tanks, works 100 lbs 5.15 - —
Tech., fused, dms., c.l., works. 100 lbs.10.70 - —
dms., t.c.l., works 100 lbs.11.20 - —
gran., fib, dms., c.l., works. 100 lbs.11.45 - —
fib dms., t.c.l. works 100 lbs.11.95 - —
Zinc chromate, bbls., dlvd. lb. .29 - —
Basic, bbls., dlvd lb. .34 - —
Zinc cyanide dms. 1,000-lb. lots or more, works lb. .55 - —
dms., smaller lots works lb. .57 - —

—Continued on page 63

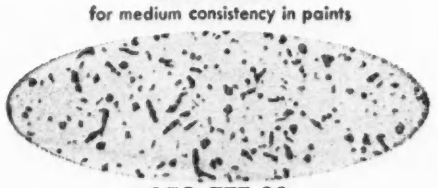
High Apparent Density, De-aerated

Available in all AZO paint grades of American Process zinc oxides.

AZO ZZZ-22
for high consistency in paints



AZO ZZZ-11
for medium consistency in paints



AZO ZZZ-33
for low consistency in paints

AZO acicular zinc oxides are free from detrimental colloidal fines, produce exceptional weathering properties in exterior paints, and are resistant to hard settling during shelf storage. For general use in the production of paints and enamels.

AZODOX has twice the apparent density, half the dry bulk. Cuts storage space in half. Except for density, all physical properties are unchanged. And all chemical properties are unaltered. AZODOX saves you money in handling, storing, mixing, grinding. Costs no more than conventional zinc oxides.

AZO acicular zinc oxides (AZODOX or conventional) are recommended for the extra durability, the finer weathering qualities they give to paint. Available in a wide range of oil absorptions to meet your requirements.

1ST

American Zinc was the first, *and is still the only* producer of acicular lead-free zinc oxides covering a wide range of oil absorptions from high to low *and including the intermediate ranges.*

American Zinc sales company

Distributors for AMERICAN ZINC, LEAD & SMELTING COMPANY
COLUMBUS, OHIO • CHICAGO • ST. LOUIS • NEW YORK

COMING TO YOU AND TO ALL OIL, PAI

A New Hi-Lo Chemical Price

1959
HI-LO CHEMICAL PRICE
ISSUE
Oil, Paint and Drug Reporter
FEBRUARY 25, 1959
A 7-Year Study of the price behavior of the basic quantities of more than 2600 process materials, compiled by years from the weekly quotations of Oil, Paint and Drug Reporter.

SIZE AND FORMAT STAY THE SAME

Advertising Forms Close December 1, 1958 –

PAINT AND DRUG REPORTER SUBSCRIBERS

ce Issue of OPD

February 25, 1959

OVER 16% MORE PRICE DATA

The new Hi-Lo will quote 7 years of comparative prices of over 2600 chemicals and related process materials—a 16⅔% increase in reference content over the 6 years covered by the 1958 Hi-Lo.

LOTS OF SOURCE DATA, TOO

168 companies used 377 advertisements in the 1958 Hi-Lo issue. Some prepared special copy, many used their Buyers Directory plates.

RATES STAY THE SAME

RATES PER ADVERTISEMENT

	1 Unit	6 or more Units
Page	$177	$167
Half-page	104	96
Quarter-page	67	60

	Type Size Width	Depth
Page	5¾″	6⅝″
Half-page (1 column)	2¾″	6⅝″
Half-page (2 columns)	5¾″	3¼″
Quarter-page	2¾″	3¼″

Oil, Paint and Drug Reporter

30 Church Street, New York 7, N. Y.

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Robert W. Walker Co.
57 Post St.
San Francisco 4, Calif.

LOS ANGELES 5 (DUnkirk 7-4388)
Robert W. Walker Co.
730 S. Western Ave.
Los Angeles 5, Calif.

CLEVELAND 22 (LOng 1-0544)
H. G. Seed
17717 Lomond Blvd.
Cleveland 22, Ohio

NEW YORK 7 (REctor 2-9820)
J. Stuart Auchincloss
Alexander E. Kane
G. Bronson Philhower
Harry L. Townsend

—ut, please phone or send us your Hi-Lo space reservation as soon as possible

Oil, Paint and Drug Reporter

Founded October 18, 1871, by William O. Allison
Directed 1900-1942 by Harry J. Schnell
Incorporating Drug, Paint and Oil Trade, The New York Drug Bulletin, The Weekly Drug News, New York Druggists' Price Current, The Soap Makers Journal, Oil and Paint Review and International Petroleum Reporter.
Member of Audit Bureau of Circulations

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Telephone REctor 2-9820. Cable Address: Reporter, New York

Volume 174 **July 28, 1958** **No. 4**

Lessons from the East

The world at large, and particularly the United States, is presented by the conflicting, confusing conditions attending the recent developments in the Near East with a fertile opportunity to get a deal of the information and at least some of the knowledge which it long has seriously needed in that connection. That opportunity calls for proper cultivation. That is not going to be an easy or especially promising undertaking.

Several pertinent and useful lessons have already been rather clearly presented. Of first importance is the evidence that the United Nations is misnamed. There is no unity throughout its constituency. The consequent question is whether the rules for its functioning should be changed from an arbitrary monarchial to an actually democratic applicability, or whether those members which do not, will not, play with the team should be dropped from the ranks or kicked out of the lineup.

Closely second, especially for the United States, is the necessity — and wisdom—of recognizing that it is not possible to buy friends. The siding of Yugoslavia with the United Arab "Republics"(?) and Saudi Arabia's banning of the transit of its atmosphere by US tanker planes carrying needed fuel oil to Jordan make that conclusion most clear. Those and other incidents in the Eastern rebellious situation make it clear that the demands of the US administration for continued big funds for foreign "aid" (?) do not have the moral background against which they have been so piously set forth for public viewing.

There is a big question whether it would not be far better to allow the Soviet to enlist—or engulf—a number of the fence-sitting countries so that it would be possible to know just where the whole gang stood and to deal with them accordingly.

That procedure would demand a substantial shift to new thinking on the part of the rest of the world. That also would present a job bigger than now evident potentialities of that group could handle. But, the handling of it would be one of those things which should be — must be — learned and applied.

Before anything can be done in any direction or from any angle to give the people of the world the kind of world to which they are, by majority, entitled there will have to be developed, accepted and enforced a universal code of semantics. Under the recently demonstrated variety of interpretations of such simple terms as "free," "freedom," "peace," "peaceable," and "peaceful," there can be no getting together on anything or with any common objective. There may have been adequate reason some thousands of years ago for the linguistic confusion inflicted at Babel. But, these are different times, with different stratospheric goals. Semantic deluding can be nothing other than deceptive in purpose, and the confusion which it promotes is a handicap to the reaching of any high-minded morally purposed objective.

Looking and Listening Southward

It is logically to be assumed—and it certainly is earnestly to be desired and promoted—that there will be early publication and wide availability of a clearly defined and carefully detailed report of the actual conclusions of President Eisenhower's brother from his good-neighbor visit to Central America. The government of the United States and, still more importantly, its people must have that information and must give adequate serious thought to its interpretation. And both must seek, get, and accept adequate advice on how to make the most and the best of its potentiality.

It is most important from every sound national, hemispheric, and international point of view that the United States does not permit its concern for any aspect of the problem of the Near East to interfere in any manner or to any extent with the seriousness, the sincerity, or the continuity of its concern for its Latin neighbors to the South. It should concern itself constructively with their economic problems, especially those now growing out of the unsatisfactory situation in their coffee industry—US imports of Latin-American coffee during the first quarter of this year were 27 percent less in quantity than those in the corresponding 1957 period. The difference between that condition and the countering of the coffee-price slump by the leading producing countries with an agreement to withhold up to 40 percent of their exportable production is something calling for deep economic analysis.

Argentina is reported to have concluded its contractual negotiations for the development of its petroleum resources by private oil concerns from the United States and other countries. But, that undertaking will not be contributing substantially to its oil needs for some time. Meanwhile, those needs have given rise to "semi-official" reports that Argentina is dickering for the purchase of 300,000 tons of Soviet oil in addition to the 1,000,000 tons previously contracted for, delivery of which is expected to start in a month or so. Whether the reported deal will call for still more talking with an E-I bank mission is not known. Such talking now has to do with increasing by 25 percent the bank's credits, totaling $160,000,000, to Argentina. There could be some sort of dickering on Venezuela oil for Argentina when the President of the former country comes to the United States under his acceptance about a fortnight ago of an invitation from vice-president Nixon.

It should be of wide interest in this country that plans are being prepared —with much puzzling and a deal of difficulty—for the conference of the Organization of American States which will be held in Quito, Ecuador, in 1960. The indications are that the agenda presented from Latin America will largely be concerned with economic matters.

Several steps have been taken recently by Latin-American countries to improve their economic status. Of special interest here is the exemption from import duty by Paraguay of natural and prepared fertilizers and raw materials for the domestic manufacture of fertilizers. Efforts are being put forth also by private enterprise. One of those is the recent inviting of American partnership investment of approximately $50,000 in the processing of cohune nuts for the production of oil in Mexico City.

For Better Acquaintance

Two opportunities are coming along for those who recognize that the cultivation of better relations between this country and Canada calls primarily for better personal acquaintance among their two peoples. That has been demonstrated in the recent visit of President Eisenhower in Ottawa. It is well known to the members of the two groups who have personal contacts across the border. It needs full development among all the other members.

One of the approaching opportunities comes in connection with the progress of the St. Lawrence seaway. It lies in the fact that hearings on proposals for tolls on that waterway will be held by the US and the Canadian administrative groups respectively in Washington and Ottawa August 6. Every business group in this country that is interested in any manner in the cultivation of better relations with Canadians should be represented at both hearings. It is not necessary that they be primary participants in the deliberations—it is too late now to arrange for such participation; the purpose of their being there should be to get adequately acquainted with what is thought among all who are interested on both sides, and to endeavor to learn what are the motives behind that thinking.

In preparation for being at least a listener at the tolls hearings, those who have such an intention should read up on what has been proposed on tolls from both sides. An informative article appears in the July 14 issue of Foreign Commerce Weekly. They will find it variously useful, not only in connection with the hearings but as generally applicable information, to read the "Engineering Study of the Effects of the Opening of the St. Lawrence Seaway on the Shipping Industry," published several months ago. It is available from the Maritime Administration of the US Department of Commerce.

The other opportunity to get better acquainted with those you should know in Canada will be presented when the Society of Chemical Industry holds its annual meeting in Canada in September (see schedule of association meetings on page 7). That meeting will provide setting and personnel for most useful—and interesting—chatting by members of the chemical industries of the United States and Canada about whatever they may have in mind with reference to what should be their relations, in every respect, and how to develop them to full mutual satisfaction.

Washington Talks It Over

FTC in Fiscal 1958 Labored Under Biggest Work Load Since Days of WW II and Did It with Less Money, Too.

By Ralph L. Cherry
Chief, OPD Washington Bureau

It isn't always money that causes a rise in the activity of government agencies; sometimes it is just a matter of working harder and being more efficient in the job. This has been proven by the Federal Trade Commission, which got only a $50,000 increase in appropriations for fiscal year 1958, but turned out more work than in any year since the war.

During the past fiscal year, the number of anti-monopoly complaints issued by the agency jumped from 55 in 1957 to 86 in fiscal 1958 and more than doubled the 42 complaints issued in fiscal 1956. Anti-monopoly orders totaled 46 compared with 32 in the previous year.

In the agency's drive against deceptive practices, principally false advertising, 270 complaints were issued in fiscal 1958, up from 187 the previous year and nearly double the 150 complaints in fiscal 1956. The same rise in activity is reflected in anti-deceptive orders. A total of 235 was issued as compared with 153 in fiscal 1957 and 133 the year before.

Stipulations by which the commission obtains voluntary cessation of objectionable practices likewise showed an increase over last year, 146 compared with 105. Also, a compilation was made of minor matters settled by assurance of firms and individuals that objectionable practices would be discontinued. During the year, the FTC accepted 1,706 of these assurances.

Researchers to Get Bench Marks

Market researchers will have a whole new set of bench marks available to work from when the Bureau of Census completes a new program of census taking now being whipped into shape. Within a span of 18 months beginning in January, the bureau will conduct six nationwide censuses to provide a completely new set of statistics about the American people, their homes and farms, their factories and mines, and their trade and service activities.

Census of business, manufactures, and mineral industries will be conducted early in 1959, covering the operations during 1958 of retail stores, wholesalers, selected service establishments, factories, and mines. The 1959 census of agriculture, including irrigation and drainage, will be conducted in the fall of that year. The 1960 censuses of population and housing are scheduled in the spring of 1960.

Something to look forward to is the prospect that the tabulated results may be coming off the presses about 18 months sooner than in the past. The bureau's modern electronic computing system is being enlarged and arrangements are being made for the use of electronic computers at two or more universities to assure the earliest possible publication of the new statistics.

WHO Helps Pesticides

The world-wide malaria eradication program being carried on by the World Health Organization has been a boon to the domestic insecticide industry. During the first six months of this year, an estimated 33 million pounds of DDT have been bought from U. S. producers with mutual security funds and shipped overseas for use in the campaign.

More than sixty nations are working together in the second year of a five year program of eradication. The success of the campaign depends on two major factors related to the United States. These are: (1) the ability and capacity of the U. S. chemical industry to turn out DDT in large amounts; and (2) the willingness of the U. S. government to use some of its resources to finance the purchase of millions of pounds of the insecticide.

In addition to the allotments made of ICA funds to purchase DDT, the U. S. government has also given $5 million to the WHO and $2 milion to the Pan American Sanitary Organization this year to assist in carrying out the program during its first year of operation.

Int'l Margarine Group Formed

A group of European margarine associations has formed the International Federation of Margarine Associations to attack on a united front some of the problems that have been plaguing the margarine industry.

The federation has announced the following objectives: (1) The study and solution of problems arising in the margarine industry; (2) The exchange of information and pooling of research efforts and results; and (3) The stimulation of international relations with government and international organizations.

The secretary of the organization states that the federation will not fix prices, set standards, or engage in restrictive trade practices.

Heavy Chemicals

Last week President Eisenhower made it known that at present, he does not plan to increase military spending due to the Mideast crisis. Consequently, chemical producers can not currently expect more funds to be channeled their way for strategic materials. The Soviet Union's economic offensive against the west continues at full tilt. Two notable bugbears in the chemicals market are platinum, widely used in petroleum and petrochemicals as a catalyst, and aluminum.

Since January of this year, platinum has been pushed down some $41 per ounce by a heavy influx of Russian material on the world market.

Soviet export policies on aluminum have Canadian and American producers on edge, and are largely responsible for a delay in price increases on the domestic and world market.

The Soviets and Red Chinese have flitted in and out of the world tin market, but so far, have managed to cause more alarms and excursions than anything else. Tin prices have not been depressed as a result.

In fact, some of the nonferrous metals, including tin, mercury, lead and copper, have been lent strength on world and domestic markets by the Mideast crisis.

Domestic business in heavy chemicals was quiet last week, owing chiefly to vacation shutdowns among consumers. However, a mild improvement in orders has been noted since the low ebb of the July 4 week.

The American Paper and Pulp Association reported production for the week ended July 19 at 86.9 percent of theoretical capacity, as compared with the revised figure of 64.5 percent for the previous week, and 84.4 percent for the corresponding week of last year.

Price Trends

Advanced

Mercury, $1 per flk.
Tin, ¼c. per lb.

Reduced

None

Comparative Price Indexes
(1926=1949 average)

Last week	Prev. week	Last month	July 26, 1957
104.59	104.56	104.68	104.13

For Current Prices See Page 9

Acids

Hydrochloric—Steel production continued to creep upward. Along with this pattern, demand for hydrochloric acid showed some strength. Also, it was noted that many consuming industries are returning to operations following midsummer vacation shutdowns.

It was felt last week that by mid-August, vacations should be about over, and business would show a normal pickup.

Hydrofluoric — Aerosol propellent demand has been one of the key factors in keeping this market active, in the face of a moderate loss of interest for stainless steel, glass and aluminum.

Nitric — Industrial demand improved moderately last week, as some consumers ended vacation shutdowns. Agricultural inquiry was seasonally slack.

Phosphoric—Buying interest was somewhat better last week. It was expected that demand would improve from now until the end of the quarter, at least.

The protracted strike at the works of a major phosphate chemical producer in the midwest, which ended the previous week, was said to have had little or no influence on the industrywide supply position.

Sulfuric—Demand from a number of directions showed a revival from the midsummer vacation shutdown period last week. It was pointed out, however, that seasonal shutdowns have been more widespread and lengthy this year than in any year previously.

It was expected that by mid-August, the bulk of vacationing consumers would be back in operation again. An encouraging note last week was the continued gradual increase in steel production, following the low ebb set for the week of July 4.

Steel output inched up to 1,540,000 tons last week, estimated at 57.1 percent of capacity, according to the American Iron and Steel Institute.

Production the previous week was 1,481,000 tons, or 54.9 percent of capacity. Production a year ago last week was 2,033,000 tons.

Bases and Salts

Aluminum Sulfate—Demand for use in paper manufacture has improved, in accord with increased activity in the paper industry since the low-point week of July 4.

Demand for water settlement treatment has been going particularly strong in the midwest, where there have been heavy rainfalls and floods. Similar positions hold true for other areas of the country, although in lesser degree.

In regard to aluminum chemicals in general, there is still no word as to whether prices will be advanced as a result of higher industry wages which went into effect July 1.

Caustic Potash—Business was still slow, but it was generally reported that demand had staged a mild recovery during the past week or so. Further improvements are anticipated during the balance of the quarter.

Caustic Soda—Protracted vacation shutdowns among consumers, notably in the paper, soap, and textile industries, have dulled this market considerably.

However, it was noted last week that there has been a spotty uptrend in business following the July 4 holiday period. Vacation shutdowns are expected to end early in August, with resultant increases in demand.

Chlorine—Producers continued to eye the chlorinated solvents market as being one of the key factors responsible for the current slow market for chlorine.

Water and sewage treatment demand, while only a small part of the market, have not materialized as had been anticipated for this time of year.

It was pointed out that normally, as weather gets hotter and drier, there is increased inquiry. Such has not been the case this year, however, since the summer so far has been rainy in many areas.

Lengthy and widespread vacation and repair shutdowns among such large volume consumers of chlorine as the textile industry, paper mills and the like have also been responsible for the halogen's poor showing.

Copper Salts—Demand for copper sulfate has been fairly active for algae treatment in water supply systems. This has been due to widespread rains over many parts of the country.

Plating inquiry has been slack, although producers have noted a moderate increase in demand since the low point reached during the July 4 period.

Lime—Domestic sales of open-market lime rose to 619,594 tons from 590,666 tons in April, according to the Bureau of Mines.

Sales of refractory, chemical and other industrial lime increased, whereas decreases were noted in agricultural and building lime.

Chemical lime sales in May increased to 387,576 tons from 363,744 tons in April. Refractory lime sales rose to 119,175 tons in May from 103,270 tons in April.

Soda Ash—Some producers report business quite good owing to a good rate of activity in the glass container industry. However, dense ash inquiry from flat glass producers is still slow, owing to curtailed auto production.

Sulfur—The following figures, compiled by the Bureau of Mines, represent production, shipments and stocks of sulfur of a purity of 97 percent or greater during specified periods in the United States, in tons:

	May	April
Native production	400,957	402,581
Shipments	400,162	410,252
Sales*	422,846	385,208
Stocks†	4,666,431	4,638,320
Recovered production	62,727	46,195
Shipments	46,065	44,642
Sales*	46,986	44,294
Stocks†	182,114	165,363

* Calculated from production and change in stocks during the period.
† Producers' stocks at mines or plants in transit, and in warehouse at end of period.

The following figures, compiled by the Bureau of Mines, show imports of Mexican

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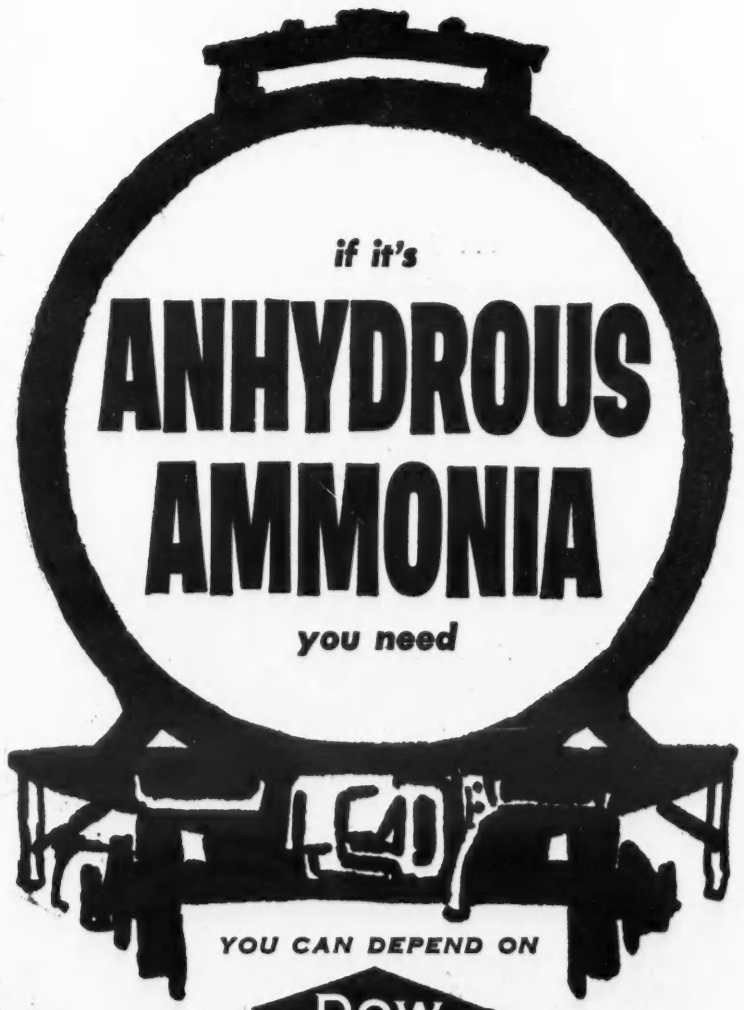

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sulfur into the United States during specified periods:

Long Tons	*Mar.*	*Feb.*
Ore	.....	.....
In any form	48,979	45,423
Total	48,979	45,423
Dollar Value	*Mar.*	*Feb.*
Ore	.....	.....
In any form	$1,098,932	$1,084,665
Total	$1,098,932	$1,084,665

Nonferrous Metals

Aluminum—Producers were still in a quandry as to whether or not to increase prices following a wage increase which went into effect July 1.

There are several factors involved. One is a soft market at present. Another is the fact that steel prices have not gone up as a result of wage increases in the steel industry.

Perhaps the most menacing factor is the ruble war being carried on by the Soviet Union. Russia has been offering aluminum at lower prices on the open market for some time.

Since the Soviets can sell aluminum and not worry as to whether or not they make a profit, this naturally has free world producers apprehensive, since they must make money to stay in business.

Another reason for the edginess of producers here: First half primary aluminum output was 20 percent less than during the first half of 1957.

The Aluminum Association reports that tonnage produced during the first half of 1958 declined to 762,561 tons from 824,128 tons produced during the first half of 1957.

June output declined to 115,325 tons from May's total of 126,327, and was considerably beneath June, 1957's output of 138,007 tons.

Copper—The following figures supplied by the Copper Institute, show production, shipments and stocks of copper metal, in tons.

World	*June*	*May*
Production:		
Crude primary	214,400	218,387
Secondary	11,414	11,190
Refined	227,943	225,771
Shipments	240,381	212,933
Stocks	476,823	498,516
United States	*June*	*May*
Production:		
Crude primary	71,246	80,628
Secondary	10,830	10,488
Refined	107,474	115,978
Shipments	100,296	78,631
Stocks	244,421	253,463

Mercury—Metal was regarded as firm last week, at $229 to $231 per flask, spot.

Platinum—The market continued weak, with some producers listing metal at $58 nominal. A recent cut of $5 per ounce brought the average market price down to $62.

The $62 price was the lowest since December, 1947. Platinum has declined steadily since January of this year, the cumulative decline being $41 per ounce.

Three points enter into the picture of Platinum's fall:

- There have been heavy offers of Soviet platinum during recent months, at lower prices.
- The petroleum industry has delayed putting in new plants which would use platinum as a catalyst in refining.
- Better processes have been developed to recover platinum used as a catalyst in petroleum and petrochemicals processes.

Silver—Bullion was unchanged last week, quoted at 88⅜c. per troy ounce, spot, on Friday.

Tin — Straits metal still under the influence of the Mideast crisis, continued firm. Friday, tin was quoted at 96¼c. per pound, spot.

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Obituaries

Arthur Oakley Ford

Arthur Oakley Ford, retired director and vice-president of Mantrose Corporation, Brooklyn, N. Y., died July 20 in Staten Island, N. Y. He was eighty-six years old.

Mr. Ford had been with Mantrose from 1925 until 1957 when he retired. His position throughout had been that of vice-president in charge of sales. Prior to coming with Mantrose, he had been associated with Marx & Rawolle.

Mr. Ford started in the shellac business sixty years ago and before his connection with Marx & Rawolle, had been connected with a number of other firms including W. C. Russel and Hoople & Nichols.

Arthur H. Climo, president of A. H. Climo Company, Cleveland, Ohio, died in that city on July 14. He was seventy-seven years old.

Richard P. Hildreth, recently retired overseas advertising coordinator for Standard Oil Company of New Jersey died July 21 in White Plains, N.Y. He was sixty-four years old. Mr. Hildreth had been with Standard Oil for nearly forty years.

John E. Mockaitis, former patent attorney with Esso Research & Engineering Company, Linden, N.J., died July 20 in Red Bank, N.J. He was seventy years old. Mr. Mockaitis had been with Esso from 1916 until his retirement in 1953.

American Flange Develops A New Self Venting Spout

American Flange & Manufacturing Company, New York, has developed a self venting "clinch-on, pull-up" spout assembly that is available in commercial quantity.

According to the company, the new spout will fill the needs of users who pack in pails and have had flow problems. With the new spout, American Flange says, "a smooth even flow of the contents of any container from light to heavy viscosities is obtainable from full to empty."

Safety Council Plans

—Continued from page 7

and medicine, Freeport, Tex., division of Dow Chemical Company, and improper labeling by these three speakers:

Ross Kusion, director, and John Pate, of the University of Washington's environmental research laboratory, Seattle, and Walter H. Poppe, jr., supervisor, industrial hygiene, Boeing Airplane Company, Seattle, Wash.

Other chemical session talks will be made by Howard H. Fawcett, safety director, research laboratory, General Electric Company, Schenectady, N. Y.; Warren A. Cook, school of public health, University of Michigan, Ann Arbor, Mich., and Allen L. Cobb, director, fire protection and safety, Eastman Kodak Company, Rochester, N. Y.

The joint session with the American Society of Safety Engineers will include talks on toxic chemicals, laboratory ventilation and designing high-pressure equipment for safety.

The annual council convention is expected to attract 12,500 safety specialists from the United States, Canada and several foreign countries. Some 900 speakers will appear at its 300 sessions.

Chemical Business Up

—Continued from page 3

tion were said by the division to be approximately 5 percent below the same period of 1957. The industrial gas industry reports a slight increase in demand for liquid oxygen and nitrogen for defense uses, with industrial demand at about the previous level. Overall consumption of fertilizers in the year ended June 30, 1958, was thought to be down from that of the previous year.

Output of streptomycin rose from 19.7 million to 26.9 million grams, a 37 percent gain over last year's first quarter. Production of thiamine chloride reached an all time high in March and a first quarter output of 40 percent above last year's.

Overall production of plastics and resins in the first quarter of 1958 were 993.6 million pounds, a decrease of 3.1 percent from the 1.02 billion pounds in the same period of 1957.

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Jobs & People

American Potash & Chemical Corporation, Los Angeles—**George T. Deck** has been named vice-president and technical general manager of Lindsay Chemical Division. The division was formerly Lindsay Chemical Company which has recently merged with American Potash. **Russell S. Sunderlin** has been named to succeed Mr. Deck as plant manager of American Potash's subsidiaries, American Lithium Chemicals, Inc. and San Antonio Chemicals, Inc.

Hoffmann-La Roche Inc., Nutley, N. J.—**John H. Kelly** has been named sales promotion manager of the vitamin division. At the same time, **R. Semmes Clarke** has been named manager of sales control. Mr. Kelly was formerly administrative assistant to the general manager; Mr. Clarke was a commercial assistant. Also noted was the retirement of **William J. Smith,** a salesman in the vitamin division for the past twelve years.

Jefferson Chemical Company, Houston, Tex.—**J. W. McCarthy** has been named a technical service representative in the marketing department. He has been with the company for a year.

Monsanto Chemical Company, St. Louis, Mo. — **Gerard J. Marceau,** assistant district sales manager at Chicago for the company's plastics division, has been promoted to district sales manager there. He was assistant manager since 1953, At the same time, **Winston H. Richter** has been appointed New England district sales manager for the plastics division after serving as the division's Chicago district sales manager since 1953.

National Lead Company, New York—**Olav Moklebust** has been appointed superintendent of the pilot plant operated by R-N Corporation, Birmingham, Ala. R-N Corporation is jointly owned by National Lead and Republic Steel Corporation.

Parke, Davis & Co., Detroit, Mich. —Seven men have been reassigned in the sales organization. They include: **Donald P. Hayes,** from sales representative to field manager in the company's Los Angeles branch; **James D. Hill,** from sales representative to field manager in the Kansas City, Mo., branch; **Richard A. Kolb,** from sales representative to the hospital medical service division; **Harold W. Pace,** from sales representative to field manager in the Kansas City branch; **Arthur C. Scherrer,** from sales representative to the hospital medical service division; **John L. Summers** from sales representative to the hospital service division; and **David H. Webster** from sales representative to field manager at the New Orleans, La., branch.

Pennsylvania Industrial Chemical Corporation, Clairton, Pa.—**Caesar A. Ricci** has joined Picco's New Orleans, La., district office.

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Agricultural Chemicals

Several of the major producers have cut the base price of ammonium nitrate $2, to $68 per ton, and, at the same time, set the August-September listing at $60, the October-December at $65. This recent action makes the nitrate schedule the ultimate in attractive off-season pricing, certain of the trade contend; they expect to see buyers respond accordingly. Others in the business are rather pessimistic, however, and doubt that any jump in total sales during the coming year will be great enough to justify the low prices.

Spokesman for one producer had a convincing argument against the recent price reduction. He maintained that lower prices will limit necessarily the amount of money that producers can allot for the promotion and education campaign that the National Plant Food Institute is to conduct this year. This campaign is sorely needed, he said, since the agricultural chemical industry is poorly advertised for its size, and knowledge about fertilizers — especially among farmers—is extremely limited. He thought that the proposed campaign could more easily and effectively multiply sales than could price cuts. Many in the trade agreed.

In the first half of 1958 farmers' realized net income was 22 percent above 1957, and total net income (allowing for inventory changes) showed an increase of 13 percent. This all adds up to the best first half-year of farm income since 1953, researchers at the Federal Reserve Bank of Chicago conclude.

To explain the upsurge in income this year, the Bank cites the fact that there has been a more rapid increase in cash receipts from farm marketings than in production expenses. Cash receipts were up 11 percent over the first half of last year, production expenses only 4 percent.

In the five states of Ill., Ind., Iowa, Mich., and Wis., only Iowa posted substantial increases in dealers' sales of farm machinery, fertilizer and building materials in June over the 1957 level. This indicates, the Bank says, that farmers are watching expenditures closely and instead of buying are putting more and more of their current income into savings.

Price Trends

Advanced
None

Reduced
None

Comparative Price Indexes
(100—1949 average)

Last week	Prev. week	Last month	July 26, 1957
109.79	109.79	109.68	110.73

For Current Prices See Page 9

Animal and Plant Foods

Ammonium Nitrate—Several producers of ammonium nitrate reluctantly revised prices for the second and what was hoped would be the final time last week. Others were content to stand on the sidelines, not yet ready by mid-week to commit themselves formally to a new schedule. It was fairly obvious, of course, that all sellers of the chemical intended to be competitive at any cost—and necessarily so.

This most recent reduction drops the January-June or base price $2, to $68 per ton, bags, on an f.o.b. plant basis.

Seasonal discounts, however, were more seriously cut and make off-season buying considerably more attractive to the purchaser. The August-September listing becomes $60, formerly $65 and $66, respectively; the October-December listing becomes $65, formerly scaled on a monthly basis at $67, $68 and $69 per ton.

Bulk prices are uniformly $6 per ton less than bag prices. But since very little material is sold in bulk quantities, these quotations are not to be considered integral to the ammonium nitrate price pattern, trade sources mentioned.

The Census bureau reported that production of original solution ammonium nitrate in May dropped to 186,417 tons from 231,228 of April. Inventories held at producing plants at month's end amounted to 182,677 tons, compared with 237,164 of April.

Anhydrous Ammonia — May production of synthetic anhydrous ammonia amounted to 348,158 tons, as opposed to 329,837 of the preceding month, according to information received from the Census bureau. Stocks remaining at producing plants on May 31 totaled 106,634 tons, down approximately 55,000 tons from April.

Demand, tapering off since mid-June, had just about come to a halt last week.

Beginning August 1, fertilizer grade anhydrous ammonia will be quoted at $80 by all leading producers. The lower price plus the fact that buyers are likely to have adequate storage facilities available once again should occasion a buying flurry next month, it's said.

Animal Proteins—Fishmeal and fishscrap quotations remained unchanged at $133 and $129 per ton, respectively. Dealers reported that the market was firm, supplies still limited.

Pesticides

A recent ruling by the House Interstate Commerce committee that food labels need not contain information on use of pesticides has taken a load off the minds of many people in the pesticide trade as well as those in the vegetable and fruit industry.

Specifically, the House committee ruled that pesticides used "in or on any raw agricultural commodity which is the produce of the soil" are not to be classified as chemical preservatives when they are applied before a crop is harvested. After harvesting, of course, chemicals used on produce to retard mold etc., are regarded as preservatives and produce so treated must be labeled to comply with existing laws.

BHC—Competitive pressures, though the poor weather this Spring was also considered a factor, caused producers recently to cut prices .075c., to .75c. per pound gamma unit for both high and low gamma BHC.

2,4,D—Sellers of this weed killer report an average season. Sales have tapered off since the beginning of the month, indicating that buying is just about completed for this season.

DDT—Technical DDT is in short supply, forcing certain producers to allocate material. Export prices, possibly as a result of the tight inventory position, were advanced 1c. per pound, effective July 1, by several producers.

Malathion—Considered by many to be the bright light among pesticides, malathion formulations have profited saleswise this year at the expense of more traditional materials. Some in the trade (who have nothing at stake) say it's the best insecticide for above-ground use.

Methyl Parathion—Here too, competitive pressures—particularly from imports—brought about a reduction amounting to 7c. per pound in domestic prices.

Superphosphate & Other Phosphatic Fertilizer Production

Following are data compiled by the Bureau of the Census indicating superphosphates and other phosphatic fertilizer produced and shipped in the United States, July, 1957-May, 1958. Included are percentage changes. All material is 100 percent A.P.A. in short tons.

Grade	1958 season Production	1958 season Shipments	1957 season Production	1957 season Shipments	1958 season percentage change from 1957 Production	1958 season percentage change from 1957 Shipments
Normal and enriched	1,256,113	695,191	1,318,577	766,034	— 5	— 9
Concentrated	806,793	782,057	660,260	755,309	+22	+ 4
Other Phosphate fertilizers	244,794	240,273	208,696	204,650	+17	+17
Total	2,307,700	1,717,521	2,187,533	1,725,993	+ 5	....

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CONTENTS FOR VOLUME II

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A major chemicals producer announced a 5 cent reduction in prices for o-tolidine, base and hydrochloride. The base, in dry form, was newly quoted at $1.50 per pound, while the paste form listed at $1.45. Hydrochloride listing was also established at $1.45 per pound. The last price shift in these markets was a 15 cent across the board advance effected April 1 of this year. No other price adjustments were reported in coal chemicals markets last week.

A major petroleum producer announced that business for phthalic anhydride will be solicited at 17 cents per pound, fob. plant, freight equalized, effective today. Price applies on carload quantities in bags for delivery from a new plant in Joliet, Ill., expected to be on stream about November 1. Isophthalic acid will also be offered under the same conditions at 15.2 cents per pound. The move amounts to a 4 cent reduction in the phthalic market, although coaltar sources had no new schedules for publication late last week. The phthalic market has been under heavy pressure for a price reduction during the past year. Past reports have emphasized the fact that if there was to be a price reduction in phthalic, it was most likely to take place when this new petroleum source moved into the market.

In light oils markets there has been no immediate reaction to the political situation in the Middle East. Government stockpiles of toluene were said to be high and any increased buying would be delayed. Benzene consumption has not been increased as a result of the 5 cent reduction. Xylene was a very slow mover at unchanged levels.

Polish naphthalene was reported sold up through the end of the year and contracts for 1959 would be negotiated in August, it was said. Some small lots of naphthalene were moving, but consumers were not pressing and sellers appeared not over anxious to move material. Phthalic sales were proceeding at a modest pace at previously reported price levels.

American Iron and Steel Institute estimated that steel production in the week ended July 27 would amount to 57.1 percent of theoretical capacity equivalent to 1,540,000 net tons of steel. Output of steel was 1,481,000 net tons in the week previous, 1,666,000 in the comparable week one month ago and 2,033,000 tons in the corresponding week one year ago.

Price Trends

Advanced
None

Reduced
o-Tolidine, base and hydrochloride, 5c. per lb.

Comparative Price Indexes
(100=1949 average)

Last week	Prev. week	Last month	July 26, 1957
118.59	118.60	118.11	118.18

For Current Prices See Page 9

Basic Products

Benzene—The 5c. per gallon reduction in price had had no effect on consumption in this market, according to steel sources contacted last week. It was felt that there would be no appreciable effect on imports either. There was no immediate reaction to the Middle East crisis, it was said.

Coaltar—Cokeoven production of crude coaltar in May was 53,546,508 gallons as against 52,236,313 in the previous month and 75,103,825 gallons in the comparable month one year ago. Output for the first five months of the year totaled 270,422,135 gallons compared to 370,602,967 gallons in the like period last year.

Sales during May were 25,042,077 gallons compared to 23,635,702 in April and 35,672,507 gallons in May, one year ago. Total sales in the first five months was 122,152,986 gallons as against 168,062,718 gallons in the corresponding period last year.

End of month stocks were 34,469,037 gallons at the close of May as compared to 38,740,689 in the month previous and 36,611,857 in the comparable month last year.

Creosote—Producers continued to record sluggish demand from railroads for tie replacement. Tariff Commission reported creosote oil production last year amounted to 127 million gallons as compared with 132 million in 1956. Road tar output in 1957 was 95 million gallons compared to 92 million in the previous year. Production in the first quarter of 1958 was 32.9 million compared to 37.2 million gallons in the first quarter of last year.

m,p-Cresols—Material continued on the free side of balance. Current movement was slow as has been the case for many weeks past. However, July should see the end of vacation shutdowns and there was increasing confidence on the part of trade sources that an uptrend in steel and a gradual increase in the economic pace would bring a substantial improvement in this as well as other tar acid markets. Price was unchanged from previous report.

o-Cresols—Market for low boiling cresols of high ortho content remained in balance, although current consumer interest was lackadasical. Vacation shutdowns formed a damping effect in this and other coal chemicals markets, it was said.

Naphthalene—The market continued to drift. Consumer inquiry was listless at the firmer price levels recorded in recent weeks and sellers appeared not over anxious to move their stocks. Some small lots were moving. One source felt the Lebanon crisis had stirred up a flurry of interest. Polish material was sold up through the end of the year and contracts for 1959 were to be negotiated next month, trade sources said. Import sources quoted price at 4¼c. to 4½c. per pound.

Phenol—Price was well held at previously reported levels. Sources pointed out that the price of an end-product is seldom based only on raw material cost. The end-product may be only one of several by-products, some of which will not move as well as others. From this standpoint, it was felt that the recent 5c. per gallon drop in benzene could have no effect in the phenol market.

Solvent Naphtha—Cokeoven production of crude heavy solvent in the first five months of the year amounted to 1.8 million gallons as against 2.5 million in the comparable period last year.

Sales in the five month period totaled 1.7 million gallons as against 2.5 million in the corresponding period last year.

Stocks at the close of May were 310,699 gallons as against 264,588 in the previous month and 287,612 at the end of May last year.

Toluene—Material from cokeoven producers was moving at 25c. per gallon. Sources felt that any increased government buying in this market would be delayed due to the fact that government stockpiles are high.

Xylene—Bureau of Mines report indicated production of cokeoven xylene in May amounted to 538,791 gallons as against 656,242 in the previous month and 874,695 gallons in the comparable month last year. Output for the first five months of the year was 3,338,742 gallons as compared to 4,615,313 gallons in the corresponding period last year.

Sales of cokeoven material in May amounted to 588,080 gallons as compared to 586,611 in the previous month and 953,177 gallons in the comparable month last year. Sales for the five-month period were 3,246,467 gallons as against 4,610,162 in the like period last year.

Stocks at the close of May totaled 906,211 gallons as compared to 930,592 at the

Coal Chemicals

Estimated output of coal chemicals recovered from cokeoven operations during the week ending July 27, was as follows:

Ammonia liquor	lbs.	455,066
Ammonium sulfate	lbs.	24,947,759
Benzene	gals.	2,467,471
Coaltar	gals.	11,963,193
Crude chemical oil	gals.	313,490
Solvent naphtha, crude, heavy solvent	gals.	89,900
Toluene	gals.	525,854
Xylene	gals.	151,688

Coal Chemicals

end of the previous month and 629,385 gallons in May of last year.

Movement was very slow. This market remained in a very weak position. Coaltar sources reported unchanged price levels at the close of the week.

Intermediates

m-Chloroaniline—Schedule changes on this material were complete as the industry responded to the 6c. to 9c. reduction in price instituted two weeks ago by major producers.

Under new schedules, m-chloroaniline in tankcar quantity listed at 76c. per pound. Carload and truckload price was 78c. per pound and drum lots were 80c. per pound. Price listings West of Denver were 2c. per pound more across the schedule.

Dyes—Tariff Commission report indicated production of azo dyes last year amounted to 25,313 tons while output of anthraquinone vat dyes was 13,255 tons and sulfur or sulfide dyes production was 11,206 tons. Producers turned out 4,943 tons of indigold and thioindigold dyes compared to 2,737 tons of anthraquinone dyes and 2,643 tons of stilbene dyes.

Phthalic Anhydride—A petroleum producer announced that effective today, business for phthalic anhydride will be solicited at 17c. per pound, f.o.b. plant, frt. equalized. The price will apply to carload quantity in bags for delivery about November 1 of this year, when a new plant will come on stream at Joliet, Ill. Contracts for 1959 will be offered at the same price.

Most phthalic is currently being made by oxidation of naphthalene. By the new process, phthalic anhydride will be produced by oxidation of a mixed xylene stream. The process will make available isophthalic acid as well as a variety of other polycarboxylic acids not previously offered as commercial items.

Price in this market has held firm against heavy pressure for a reduction during the past year. Sources have commented from time to time that if a price break should be made, it would come about as a result of this new petroleum installation, capacity of which has been estimated at about 60 million pounds of phthalic and isophthalic per year. Major producers had no new price schedules for publication late last week.

Isophthalic acid will be offered under the same terms at 15.2c. per pound. A 2c. per pound reduction in isophthalic early this spring brought schedules down to a 1c. differential over the 20½c.-21c. molten and flake prices for phthalic.

o-Tolidine—Material was reduced 5c. per pound on spot and contract. o-Tolidine, technical, dry base, declined from $1.55 per pound to $1.50, while technical, paste base, dropped from $1.50 to $1.45 per pound. o-Tolidine, technical, hydrochloride, was also reduced from $1.50 to $1.45 per pound.

Last price change in this market was a 15c. per pound advance on these materials effected April 1.

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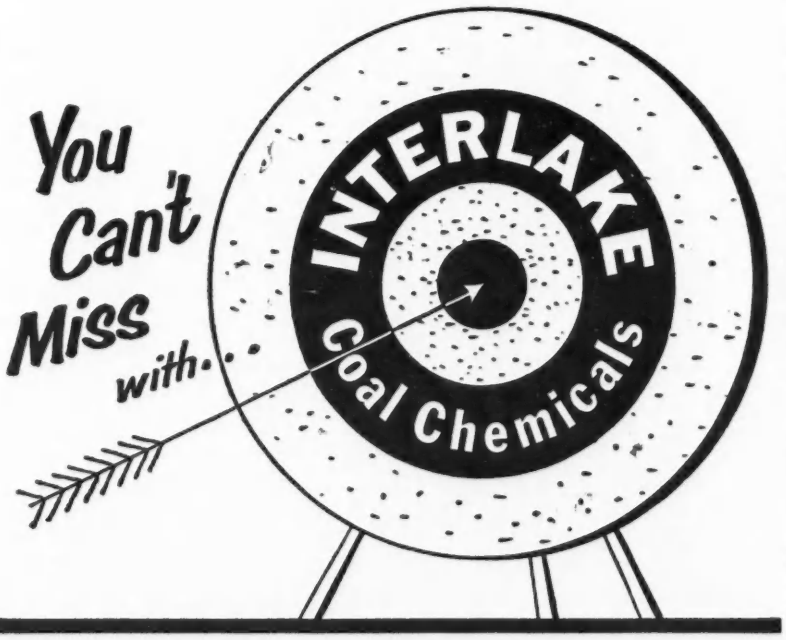

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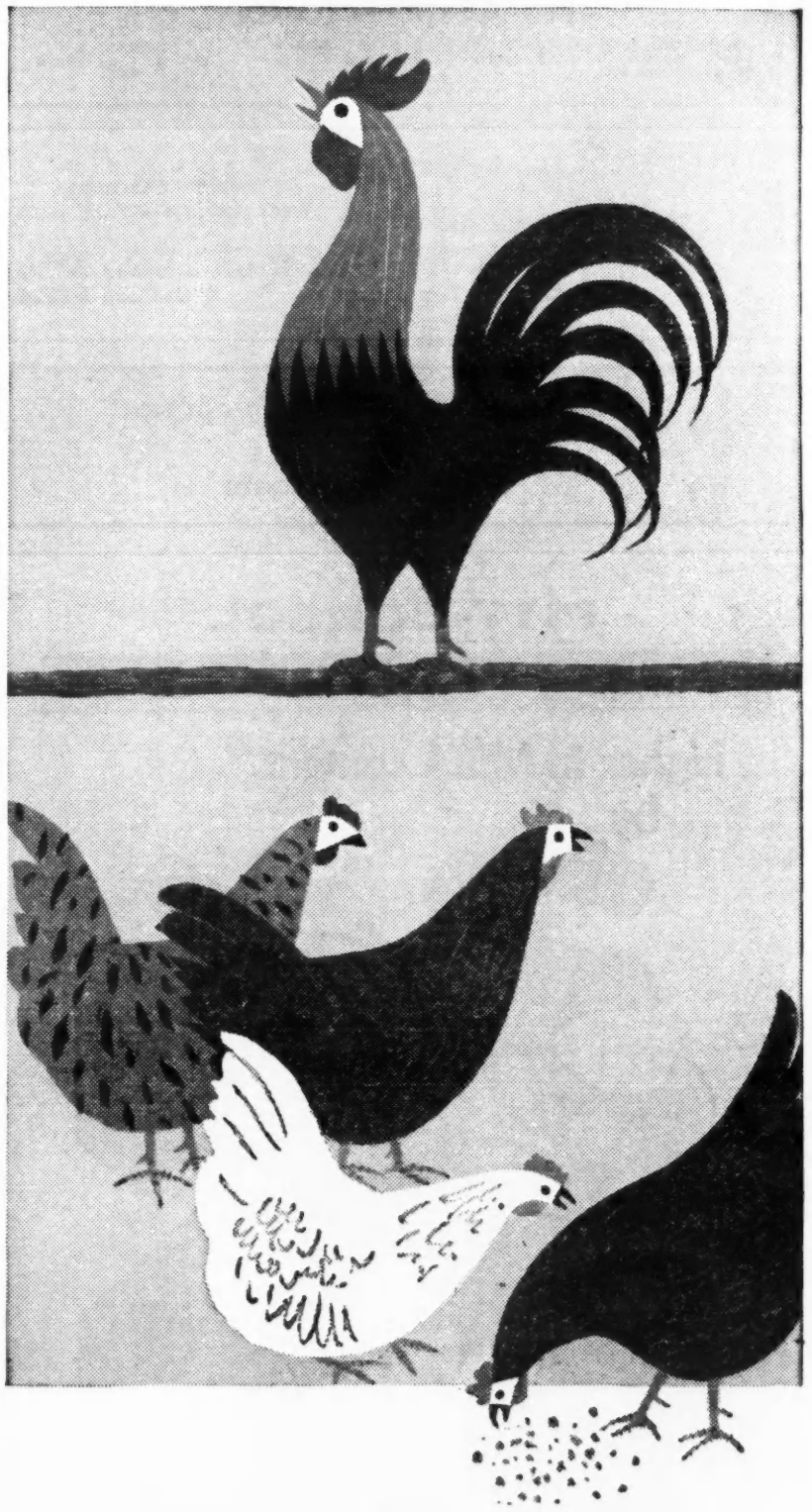

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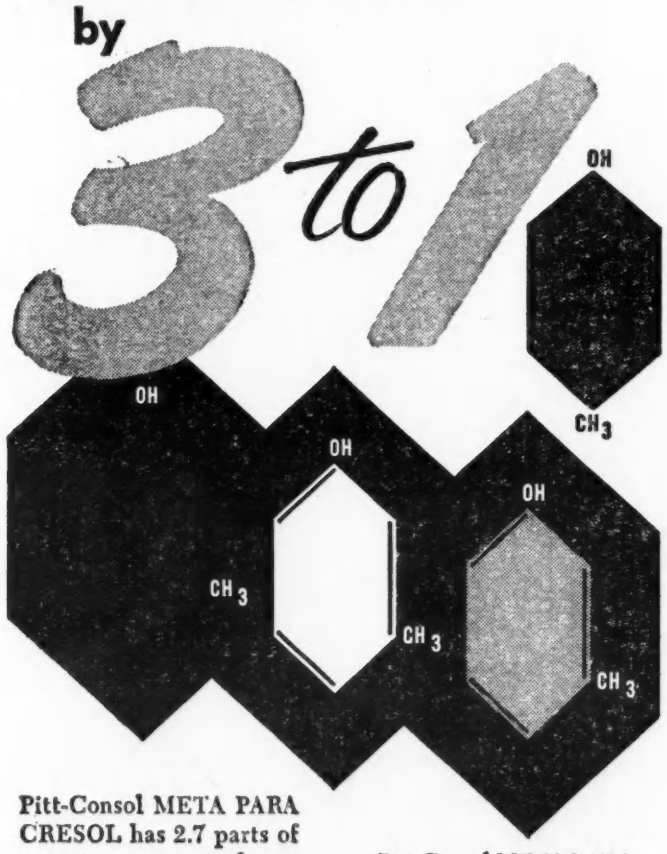

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Dow Starts Up

—*Continued from page 4*

ered to textile mills in the south, middle Atlantic area and New England and will be used to support the launching of "Zefran" this fall in the apparel field.

This initial production climaxes a nine-year effort by Dow which began in 1949 at Pittsburg, Cal., where the company's western division chemists began the long process of screening hundreds of polymers (long-chain molecular compounds) to find a new and useful textile fiber material.

First fibers were made in California on improvised laboratory equipment and were extruded through a hypodermic syringe into a water-filled cafeteria tray. Dow estimates that the first fabrics made from Zefran were obtained at a cost of $10,000 per yard.

Arthur E. Young, general manager of Dow's James River Division, announced the start up. "We have attained our first objective of getting this plant into operation," he said. "Our next task is to see to it that "Zefran" sells in such a way that it will open new horizons for the textile industry."

In this connection, he said, Dow has marketed the fiber to emphasize its compatibility with other fibers. Blends of "Zefran" with cotton, wool, rayon and other synthetics constitute the main accent in launching "Zefran" for the fall. This policy, he said, will be continued in the resort, spring and summer lines for 1958-59.

Dow's plant, just eight miles from historic Williamsburg, is situated on a 600-acre site on the banks of the James river. Location of the plant in the Tidewater area of Virginia places it near east coast mills, as well as within easy reach of the marketing center in New York.

The production of "Zefran" involves the preparation of a polymer which is predominately acrylonitrile (a derivative of air and natural gas), spinning of the fiber and a crimping operation. The tow (or continuous fiber filament) is then cut into specified staple lengths and packed into bales. During the process other materials are added to provide outstanding dyeability and processing characteristics. Once baled, "Zefran" is then ready for shipment to the mills.

S.S.T. PRESIDENT: George H. Turner, who has been elected president of S.S.T. Corporation, New York, and a senior partner in Schmitz-Schoenewaldt-Turner Company.

Barter Policy Tip-Off

—*Continued from page 3*

with the senate and leave the law unchanged, which allows Mr. Benson to enter into bartering arrangements or not.

Although the Department of Agriculture has been operating a barter program during the past year, it is a modification of the program of two years ago and is limited to exchanging farm surpluses which could not otherwise be sold for dollars. Mr. Benson's policy is "why barter if you can sell."

Even though it does mean substituting materials for dollars, the chemical industry argues that it makes available to this country a much needed supply of scarce minerals which might not otherwise be available.

Mr. Benson's policy also prohibited delivery under barter contracts of materials processed or produced in the United States. This too should be changed, the chemical industry holds.

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Sales offices in Pittsburgh, New York, Chicago, Salt Lake City and Fairfield, Alabama

USS Chemicals

Chemical Industry in the Doldrums?

—Continued from page 7

York, report improvements in the second quarter. Pittsburg Plate Glass Company, Pittsburgh, Pa., showed a decline of 17 percent in sales from the second quarter of 1957.

The drug industry continues to stubbornly resist the business downturn. For example, U.S. Vitamin Corporation racked up record sales for the six months ended May 31.

Furthermore, the New York vitamin firm says its 1958 net sales represent an increase of 5½ percent over the corresponding period in 1957.

Another drug house racking up an all-time high in sales and profits for the first six month of '58 is Cutter Laboratories, Berkeley, Calif.

Then, too, sales and earnings for the first half of 1958 were the highest in the history of Norwich Pharmacal Company, Norwich, N.Y.

Merck Sales Shoot Up

Sales of Merck & Co., Rahway, N.J., and its subsidiaries for the first half shot up 11 percent over the similar 1957 period—and net income jumped 20 percent, to boot.

Schering Corporation, Bloomfield, N.J., managed to come out only 3 percent below a record high set during the first half of 1957, despite growing competition in the corticosteroid market.

Among hardest hit by the recession have been the metal industries. American Smelting & Refining Company, New York, hacked its common dividend in half, estimating that its earnings during the first six months had declined 50 percent from the corrresponding period last year.

Aluminum Company of America, Pittsburgh, Pa., really took a shellacking during the first half. Its net was off 50 percent from the comparable '56 period.

What's worse, second quarter net was even below first quarter earnings. Sales, however, did improve during the second quarter, but there was still a considerable lag behind the 1957 pace.

An exception to the dismal aluminum picture appears to be Reynolds Metals Company, Louisville, Ky. This company says its sales and net during the period January-June actually were higher than for the same period in 1957.

Of course, Reynolds had some outside help—from Uncle Sam. R. S. Reynolds, jr., president, pointed out that the first six month's results this year reflected substantial sales of aluminum to government agencies.

Nat'l Starch Stiffens

Other companies show a varying degree of health. National Starch Products, Inc., New York, for instance, says net sales and profits for the second quarter went up 4 percent and 8.5 percent, respectively, over figures for the corresponding period of 1957.

Hercules Powder Company, Wilmington, Del., says that its January-June sales dropped to $117 million from $125 million last year during the same time.

Victor Chemical Works, Chicago, says its net earnings declined during the first half. Stepan Chemical Company, Chicago, notes a 10 percent drop in sales, but expects the balance of 1958 to equal 1957.

Air Reduction Company, New York, notes a decline in second quarter and first half earnings from comparable periods last year. Second quarter sales were off 9½ percent, and first half sales were off 20 percent.

Justice Dep't Antitrust

—Continued from page 5

ciation, should undertake a study and make recommendations on how to reduce to reasonable limits the presently prohibitive costs of private antitrust litigation.

Legislative:

Laws should be enacted by the congress to achieve the following ends:

1. Section 3 of the Robinson-Patman act should be made an integral part of the antitrust statutes, as contemplated by S 3079, 85th congress, 2nd session.

2. Clayton act orders issued by the Federal Trade Commission should become final judgments by the lapse of time, unless appealed, as is proposed in S 721, 85th congress, 1st session.

3. Attorney's fees and actual costs of suit should be made recoverable in private antitrust actions for injunctive relief.

4. Recoveries in the form of treble damages, now taxed as ordinary income in the year of recovery, should be taxed over a reasonable period of years.

5. By resolution, congress should declare that private antitrust actions are affected by a substantial public interest.

6. Thirty days before becoming final, the terms of all antitrust consent judgments or orders should be published in the *Federal Register* in order to give the general public an opportunity to lodge objections to the proposed judgment or order with the Justice department or the Federal Trade Commission.

7. Agreements waiving private enforcement rights under the antitrust laws should be declared null and void, as contrary to public policy.

8. So long as the Justice department relies heavily on consent judgments to terminate suits short of trial, thus depriving to potential private plaintiffs the benefit of a court record, appropriate means should be devised to make the maximum amount of government-secured information available to such plaintiffs. Therefore, the department should be required, as a condition to accepting a consent decree, to file with the court an evidentiary memorandum fully setting forth the evidence upon which it relied in bringing the case. This memorandum is to be a public record of the court.

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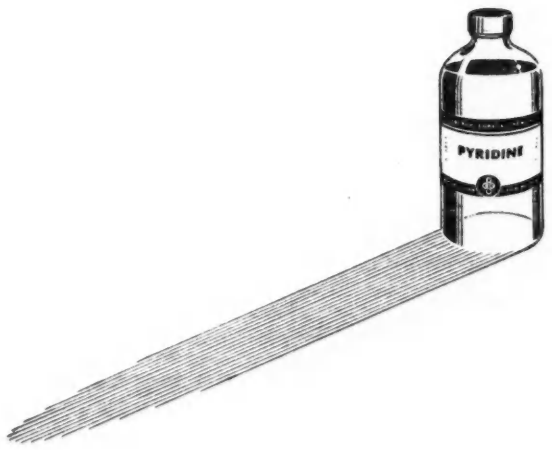

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Data Offered

Celanese Corporation of America, New York, has issued a new technical bulletin entitled **"Textile Finishing with Celanese Polyvinyl Acetate Emulsions."** The bulletin, according to the company, describes results obtainable with the emulsions in finishing fabrics of cotton and of man-made fibers. It includes a description of the emulsions, their advantages and application procedures. Information on storage and handling and compounding materials is also included. Copies may be obtained by writing Celanese plastics division, 744 Broad street, Newark 2, N. J.

Columbia Carbon Company's Mapico color unit in Trenton, N. J., has issued a booklet detailing **how colors may be formulated** with the company's iron oxide. Including a series of color cards, the booklet carries a quantitative percentage breakdown of just what goes into the composition of each color.

The plastics division of Koppers Company, Pittsburgh, Pa., has issued a technical bulletin on the use of one of its **polyethylenes for flexible pipe.** According to the company, the material, "Dylan" polyethylene type 3050, black, color no. D2, is a superior quality medium-density or type 2 polyethylene for flexible pipe. Included in the six-page booklet are three tables covering typical properties and typical pipe extrusion conditions, as well as a chart showing long term burst properties. Copies may be obtained by writing to Koppers' plastics division, 950 Koppers Building, Pittsburgh 19, Pa.

Minerals Relief

—Continued from page 4

plicated the action of the house in providing for production payments for beryl, chromite and columbium-tantalum, but added to the list by including metallurgical grade manganese, mercury, antimony, cobalt and metallurgical grade fluorspar. The latter group of minerals are not covered by Administration recommendations.

Differences in production payments between the senate and house bills are as follows:

Beryl concentrates—$70 per short ton up to 750 tons in the house bill; $80 per ton up to 4,000 short tons in the senate bill.

Metallurgical chromite—$46 a long dry ton up to 50,000 tons in the house bill; $46 a ton up to 100,000 tons in the senate bill.

Columbium-tantalum—$2.35 a pound up to 50,000 pounds in the house bill; $2.35 a pound up to 150,000 pounds in the senate bill.

Metallurgical manganese—$1 per contained long dry ton up to 23 million ton units in the senate bill; no provision in house bill.

Mercury—$50 a flask up to 33,000 flasks a year in the senate bill; no provision in the house bill.

Antimony—25 cents a pound up to 3,000 tons of ores in the senate bill; no provision in the house bill.

Cobalt—40 cents a pound up to 4 million pounds in the senate bill; no provision in the house bill.

Metallurgical grade fluorspar—$13 a ton up to 140,000 short dry tons a year in the senate bill; no provision in the house bill.

Chemical Group, Doctors

—Continued from page 3

torily covered by a single bill because of the differences in methods of sale and use," they said.

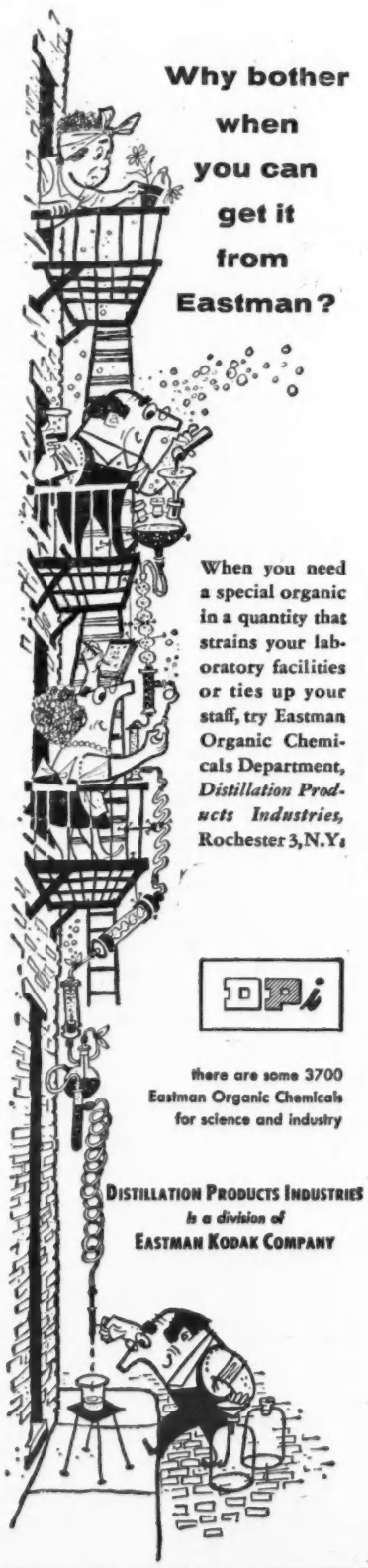
"Household products are sold in small containers for use by inexperienced persons, while industrial products are generally sold in large containers for use by a relatively few experienced operators.

"The need for any legislation in this field, according to AMA published statements, arises out of the 'great number of poisonings' in the household. While we are not convinced of the validity of the AMA's contention as to the number of poisonings due to the use of household chemicals, the safety record of chemicals used in industry has been excellent.

"From the enforcement standpoint, we do not believe it feasible to have one federal agency regulating household and industrial products. It would seem more logical that the Food and Drug Administration would have as its primary concern household chemicals and another agency, industrial chemicals.

"We repeat, however, we do not believe that any case has been made for federal legislation regulating the labeling of industrial chemicals at this time."

The two spokesmen noted that the AMA bill does not cover drugs and cosmetics where there is reason to believe, it was stated, the greatest hazard exists.



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Aliphatic Organics

Economic barometers point to a better business climate this fall. A report issued by the President's council of economic advisors last week said that the second quarter showed a clearly defined upturn; it confirmed recent trade reports. The Commerce department and others whose job it is to appraise the economic situation have also taken an optimistic view of business, underscoring June developments as particularly significant. That month, it was found, brought increased employment and a decided improvement in consumer buying not only of autos but of hard goods, generally—evidence that a recession psychology no longer completely controls the nation's purse strings.

Several of the large producers of organic chemicals illustrated more graphically the business upswing of the second quarter, announcing last week stock dividends greater than those earned during the March quarter. In one instance where reduced income was reported, it was said to reflect limited sales of those chemicals sold directly or indirectly to the automotive, construction, petroleum, and rubber industries.

But as most of the trade will agree, the slow rate of auto output has had the most crippling and all-encompassing effect on sales during the past few months. However, with steel buying for 1959 cars picking up volume, it's thought likely that demand will also increase for ethyl acetate, MEK, trichloroethylene, and other chemicals that ultimately wind up in Detroit.

Loathe to crystal-ball-gaze since predictions have a funny way of not panning out, spokesmen for several producers last week admitted that they were encouraged by second quarter increases in chemical sales volume and other indications that the scene is being laid for a business recovery, but declined to speculate themselves. Most felt that business would begin to exhibit the fall trend along about mid-August and at that time forecasts would be in order.

Acetic Acid—Business turned out to be better than expected in July, spokesman for a leading supplier of this chemical remarked last week. He explained that acetic acid and other materials as well that are adjuncts to the textile finishing business have been in steady demand—albeit modest—because the majority of plants in this industry have not as yet closed down for vacation. Also, where August shutdowns were planned, buyers were readying themselves for a possible business upswing by building up small finished inventories.

He went on to say that not only here but in other markets as well, smaller consumers were inclined of late to buy in larger quantity. This he ascribed to the fact that people have faith in recent reports that indicate a business recovery this fall.

Ethyl Acetate—Like other chemicals that are sold directly or indirectly to the automotive industry, ethyl acetate is still feeling the effects of Detroit's recession. And while there are no positive indications that auto requirements will increase anytime in the immediate future, certain recent developments have promoted a bit of optimistic thinking among sellers of this chemical.

For example, steel buying for 1959 cars has picked up volume and that industry reports that late summer and autumn business prospects look good, or, at least, considerably brighter than a few months ago. It would seem reasonable, sources mentioned, that chemicals that are used ultimately by the auto industry will also experience a similar rise in demand at that time. Also, 1958 cars are selling faster than a few months ago, reflecting, possibly, that the recession scare has lost its grip on the public's purse strings. Maybe then, the Detroit people will be inclined to take more material into inventory, it's reasoned.

Prices have remained firm throughout the business slump so market observers doubt that ethyl acetate quotations will change, especially since the business climate is thought to be improving.

Dipentaerythritol — Producers, reportedly, have found it necessary to allocate this material due to the lower monopentaerythritol output. Dipentaerythritol is used principally in alkyd and vinyl resin finishes.

2-Ethylhexyl Acrylate—A reduction of 5c. per pound went into effect July 7. Action was designed primarily to stimulate buying, it was said.

Formaldehyde—It's rather generally agreed that the seven-tenths of a cent per pound across-the-board reduction charted by producers in early May has not visibly affected formaldehyde sales volume since that time. In fact, the only noticeable result of the price cut has been corresponding declines in resin prices, sources said last week.

However, with business in general taking on a better tone and all indicators pointing to a further upswing this Fall, it is not unlikely that producers will reenstate the former price schedule sometime in the not too distant future. This is the considered opinion of certain of the trade. They maintain that prices were cut originally to meet competitive pressures that always result when demand is slow and sellers are eager to get available business. With "better times," there's room in the market for all and prices tend to rise again, they added.

Trade sources were not in complete accord as to the state of business in June. Some found demand that month compara-

—Continued on page 50

Price Trends

Advanced
None
Reduced
None

Comparative Price Indexes
(100=1949 average)

Last week	Prev. week	Last month	July 26, 1957
130.55	130.55	130.62	131.18

For Current Prices See Page 9

Ethyl Alcohol: May

Volume of ethyl alcohol produced, withdrawn and remaining as stocks at the end of the indicated periods, as reported by the Alcohol and Tobacco Tax Division, Internal Revenue Service: Domestic undenatured alcohol production represents gross production (original production plus production by redistillation) less the quantity consumed in redistillation. Stocks of domestic undenatured alcohol consist of quantities at industrial alcohol bonded warehouses and denaturing plants. Data on completely and specially denatured alcohol represent alcohol produced from domestic and imported alcohol and spirits produced by registered distilleries (redesignated upon receipt at denaturing plants as alcohol).

		May 1958	*May* 1957	*July 1, '57 May 31, '58*	*July 1, '56 May 31, '57*
NET PRODUCTIONS					
Undenatured	proof gals.	44,048,485	33,444,902	455,517,987	393,662,723
Completely denatured	wine gals.	26,859	24,977	550,748	522,213
Specially denatured	wine gals.	21,203,259	18,108,149	225,340,081	218,103,529
WITHDRAWALS					
Undenatured, tax paid	proof gals.	897,809	1,044,177	9,638,596	10,308,169
Tax free	proof gals.	39,756,146	34,200,420	438,046,803	410,125,757
Completely denatured	wine gals.	26,667	35,466	532,501	517,484
Specially denatured	wine gals.	20,014,149	19,010,439	224,564,495	216,275,985
STOCKS AT END OF PERIOD					
Undenatured	proof gals.	35,551,295	26,590,971	35,551,295	26,950,971
Completely denatured	wine gals.	24,435	12,200	24,435	12,200
Specially denatured	wine gals.	5,924,529	8,169,005	5,924,529	8,169,005

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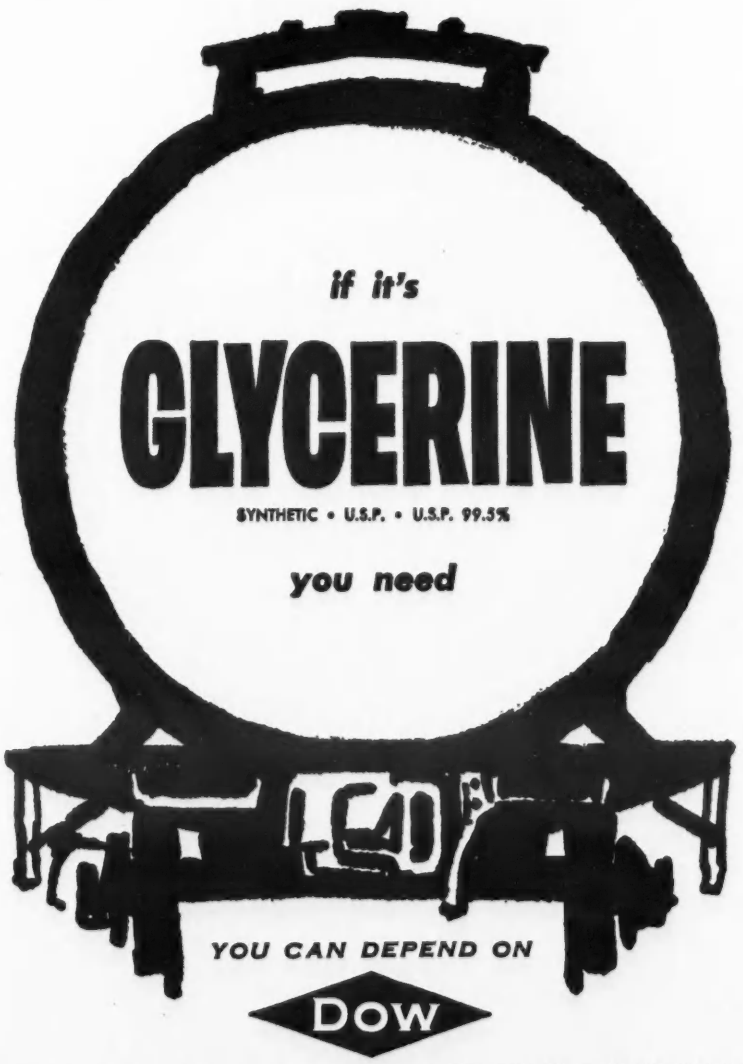

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Drugs, Fine Chemicals

A reduction on crystalline Vitamin B_{12} amounted to $25 per gram, while oral solids declined $15 per gram and .1 percent triturations with dicalcium phosphate or mannitol dropped $29 per kilo. Last reductions in these markets occurred in August, 1957, when crystalline material declined $30 per gram, along with proportionate changes in other cobalamin and cyanocobalamin products. Trade sources felt the current reductions would help consumers to expand sales of Vitamin B_{12} formulations.

Other vitamin markets were quiet. Import pressure was in evidence in thiamin and ascorbic acid, but trade sources pointed out that as use and domestic production have increased, imports have also moved up. The increase has been proportionate and imports continue to be readily absorbed. Appraisement of niacin imports has been halted by customs collectors pending an investigation by the government into charges of dumping of Swedish material into the domestic market. Overproduction as well as imports have combined to weaken the niacin market, it was said.

Aspirin and acetophenetidin were moving in seasonal volume. Producers reported advance business for early August, but next month was expected to mark the real beginning of the heavy fall buying season.

Sources could see no changes for the gelatin market. Last change was a 2 cent per pound increase in late March of this year. Increased costs are a firming factor in the market, it was said. Current movement was slow what with shutdowns for vacations and maintenance repairs.

Photo grade hydroquinone was unchanged in price from previously reported levels. Sources felt photographic chemicals had maintained a better position during the recession than most other segments of the chemical industry. The past two months have seen a good increase, it was said.

Antibiotics—Market was dull and listless. Price listings were unchanged from last report. Stocks were fully adequate to care for the modest needs of the trade.

Ascorbic Acid—Price listed at $10 per kilo on ascorbic acid and sodium ascorbate. These materials continued to enjoy seasonally good demand, according to report of major vitamin sources contacted last week. Import pressure in this market remained in evidence.

Aspirin—Material continued to move in seasonally reduced volume. A slight uptrend has been noted since the middle of the month and sources expected pharmaceutical buying to come in more heavily in August. Price was steady and unchanged from last report.

Bismuth Salts—Subcarbonate and subnitrate continued to command the major portion of the market. However, withdrawals of other salts to pharmaceutical outlets were steady at a low volume. Markets remained seasonally depressed. Prices were unchanged at prevailing levels.

Citric Acid—Sources continued to record good warm weather demands for this material going to accounts in the food and beverage fields. Movement of citric, until the beginning of the current month, had been considered disappointing in some quarters, but the upturn in demand made it probable that high production levels of last year would be maintained this year. Industrial use remained off and was further depressed by the summer doldrums. Prices of long standing in the industry were unchanged and steady.

Dihydrocodeine Bitartrate—Anhydrous material listed at $15.50 per ounce in 100-ounce lots, while 25-ounce quantities listed at $15.65 per ounce.

Sources pointed out that the hunt for a potent analgesic without the side effects and addiction tendencies of morphine has been carried on for many years without complete success. However, clinical evidence points to dihydrocodeine as a likely substitute for morphine as an analgesic, in addition to its value as an antitussive. However, the material has received only limited interest in this country, it was said.

Gelatin—Current demand was routine, according to trade reports of last week. Shutdowns for vacations and maintainence repairs usually take place during July and August. Added production problems are encountered by gelatin makers during the warm weather months which tends to slow output. Sources could see no hint of further price changes. However, it was pointed out that higher costs are always a firming factor. Last price action in this market occurred in late March of this year when gelatin was boosted 2c. per pound across the board.

Price Trends

Advanced

None

Reduced

Vitamin B_{12}, cryst., $25 per gram
Oral solids, $15 per gram
.1% Triturations, $29 per kilo

Comparative Price Indexes

(100=1949 average)

Last week	Prev. week	Last month	July 26, 1957
62.80	63.12	63.13	63.86

For Current Prices See Page 9

Gibberellic Acid—Sources remained optimistic about more widespread use of this material by farmers and gardeners. Results to date indicate that gibberellic acid acts on plants in three basic ways: (1) hastens seed germination, (2) increases vegetative growth, (3) promotes faster seedling growth. Some of these results are said to have been achieved by using less than a tenth of an ounce of pure material per acre.

Price on pure material was reduced by 60 percent, from $10 to $4 per gram, early in October of last year. Schedules put into effect at that time remain unchanged and list ½-pound bottle at $907.20 while a ¼-pound bottle is $453.60 and a 1-ounce bottle is quoted at $113.40.

Hydroquinone—Price was stable at $1.03 per pound in 225-pound package. Sources felt that photographic chemicals had continued to move in better volume, and that the photographic industry had remained in a relatively better position, than was the case with other segments of the chemical industry during the recession. In the past two months there was said to have been a definite upsurge.

Mercurials—Stocks remain fully adequate for calls from the trade. Withdrawals to pharmaceutical outlets were steady at a low volume. Price levels of long standing in the trade remain unchanged.

Methionine—Pharmaceutical methionine continued to list at $3.50 per pound while feed grade material was $2.45 per pound. Markets were steady after a 28 percent cut in methionine hydroxyanalogue, calcium salt, instituted two weeks ago. Use of these materials in poultry feeds in the big poultry growing sections of the country was on the increase, it was said.

Monosodium Glutamate—Price was quoted at $1.07 per pound, unchanged from level in effect since late in November of last year. Stocks were fully adequate for current consumer requirements.

Niacin—Treasury Department has ordered collectors of customs to suspend appraisals of further imports pending an investigation of dumping of niacin from Sweden into the United States. Should it be found that niacin is being offered at less than its "fair value" in this country and that domestic producers are being injured, the Treasury would be authorized to invoke heavy penalties against imports.

Thiamin—Mononitrate and hydrochloride were moving in routine volume. A seasonal decline in sales volume has been noticeable since early last month, it was said. However, volume continued to outrun last year. Price was unchanged from last report. Last price action in this market was a $20 per kilo decline in May of last year to the currently held $40 per kilo.

Vitamin B_{12}—Reduction in B_{12}, crystalline, amounted to $25 per gram while solids for oral preparations dropped $15 per gram and .1 percent triturations with mannitol or dicalcium phosphate declined $29 per kilo.

Under new schedules, crystalline material listed at $190 per gram while price on oral solids was $160 per gram and triturations were quoted at $218 per kilo.

Last price reduction in this market was a $30 per gram decline in crystalline material last August.

Trade sources expressed confiendce that the reductions would further expand sales

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*Vitamin B_{12} activity per cc.

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Drugs, Fine Chemicals

in Vitamin B_{12} formulations. Current clinical reports on B_{12} point up the efficacy of its use in conditions such as pregnancy, the aging process, and certain liver conditions along with many other applications in various other disease states.

Botanicals

Demand for large volume domestic crude drugs was slow, according to report of dealers contacted last week. Advance inquiry for export was improving over levels attained at the first of the month. A fair volume of export business was being booked for August and September, it was said.

Consumer interest in botanicals has held at a fair rate this year, although in some markets it has fallen far below normal. Good collections of lobelia herb last year brought the price down from $1.50 to the current quote of 45c. per pound. Expected demand failed to materialize on the item and offerings to collectors this season have not been attractive enough to bring in a large crop. However, dealers felt stocks were fully adequate to supply the market. The same situation exists in a number of other markets such as mandrake root, blue and black cohosh, ladyslipper root, and spikenard root.

Advice from one botanical collection station in the West Virginia area indicates that collections of mandrake this year failed to reach 50 percent of normal and in some sections went as low as 10 percent. A wet spring had a damaging effect on a number of leaves and vines on the domestic scene, it was said.

Arabic Gum—Material continued to firm up in price according to report of dealers here last week. Market activity was brisk. Trading has remained active in this market. The Middle East situation had stirred up added activity, it was said. Large lots were up ½c. to 18¾c. per pound.

Ladyslipper Root—Material ranged from $3.50 to $3.75 per pound in price. Material has been in tight supply for many months as a result of listless demand and low profit to collectors in the harvesting of this item, it was said.

Lobelia Herb—Price was quoted at 45c. per pound. Dealers have reported dull consumer demand in this market. A record crop last year brought the price down from a listing of $1.50 per pound. Interest failed to develop this spring as had been anticipated by dealers here. Stocks were felt to be fully adequate for the current modest demands being made.

Mandrake Root—Reliable trade sources here said stocks of mandrake root were fully adequate for the modest calls being made in the trade. Demand has been below normal this year and as a result prices offered to collectors have not been attractive enough to bring in a large crop.

Advice from one source in the West Virginia area indicated that collections in the south were less than 50 percent of normal this year, the result of low wages offered by dealers to collectors and listless consumer interest.

Dye Production

—*Continued from page 7*

many important low and medium-priced dyes. The output of synthetic indigo in 1957 was 8.1 million pounds, or 14 percent less than the 9.4 million pounds reported in 1956; that of direct black EW (C.I. dye 581) was 5.2 million pounds, or 4 percent less than the 5.4 million pounds reported in 1956.

Decreased output in 1957, compared with 1956, was reported also for algol yellow GC (Pr. dye 9), a decline of 37 percent; orange II (C.I. dye 151), a decline of 30 percent; anthraquinone vat jade green (C.I. dye 1101), a decline of 28 percent; anthraquinone vat brown R (C.I. dye 1151), a decline of 22 percent; methyl violet blue B and base (C.I. dye 680), a decline of 21 percent; and anthraquinone vat olive R (C.I. dye 1150), a decline of 13 percent.

On the other hand, the production of a number of important dyes increased in 1957, although the sales of some of these dyes were less than in 1956. Increased output in 1957, compared with 1956, was reported for chrome blue black R (C.I. dye 202), an increase of 108 percent; indanthrene brown BR (Pr. dye 118), an increase of 39 percent; anthraquinone vat green B and black B (C.I. dye 1102), an increase of 37 percent; chrome black T (C.I. dye 203), an increase of 31 percent; anthraquinone vat brown G (C.I. dye 1152), an increase of 27 percent; indanthrene olive T (Pr. dye 547), an increase of 17 percent; and direct fast scarlet (C.I. dye 326), an increase of 16 percent.

Bids Wanted

Ammonium hydroxide, 35,000 bots., tech., Bid No. 1-113, Aug. 5, Gen. Stores Supply Office, 700 Robbins Ave., Phila. 11, Pa.

Drugs, 1,056 bots. of 100 tabs. erthyromycin, USP, Bid M-5-13, Aug. 7, rose soluble, silver nitrate, lime, Bid M-5-10, Aug. 5, sodium sulfite, sodium tungstate, sodium thiosulfate, Bid M-5-9, Aug. 5, Supply Div., VA Supply Depot, Somerville, N. J.

Hydrochloric acid, 3,000 tons, furnished in RR tankcars, Bid 401-8C, July 31, Contract Div., Atomic Energy Comm., Box E, Oak Ridge, Tenn.

Insecticide, 80 gals. liquid diazonon, Bid J-707-750, July 30, N. Y. City Dept. of Purchase, Municipal Bldg., (Open Market Bids) New York 7, N. Y.; 1,430 gals. malathion, 57% deodorized, emulsifiable, liquid concentrate, Bid 3, Aug. 7, Contracting Officer, US Army, Ft. Eustis, Va.

Paint, traffic paint, yellow paint, white paint, term contract, large lots, spec. P-143, Gen. Services Admin., 219 S. Clark St., Chicago, Ill.

Testosterone propionate, 3,000 gms., crystalline, bulk, Bid 42, July 31, National Institutes of Health, Rockville Pike, Bethesda 14, Md.

McKesson to Acquire

—Continued from page 3

warehouses and seven bulk packing stations."

Mr. Hildebrandt said that the proposed expansion is in line with McKesson's long-range plans to establish chemical distribution facilities in all of the country's principal industrial areas.

Merchants Chemical Company, incorporated in Illinois in 1917, is a well-known distributor of chemicals. The company was acquired in 1926 by Irving H. Taylor. At that time it operated branches in Chicago; Milwaukee, Wis., and Minneapolis, Minn. When Mr. Taylor died in 1949, Merchants had expanded to include branches in New York; Omaha, Neb.; Cincinnati, Ohio; Louisville, Ky.; Denver, Colo., and South Norwalk, Conn.

President of Merchants is James K. Watkins, jr. He succeeded Lemuel Skidmore who took over the presidency from Mr. Taylor and served from 1949 to 1957.

McKesson's chemical department is part of the 125-year-old McKesson & Robbins, largest distributor of drugs, liquor and industrial chemicals.

Tall Oil Facility

—Continued from page 5

arates crude tall oil, barged from Florida mills of St. Regis Paper Company, into fractionated tall fatty acids for Emery and high quality tall oil rosin for Monsanto.

The result is a strongly-integrated raw materials position for both companies with Emery said to be the nation's largest consumer of unsaturated fatty acids for dimer acid and other polybasic acids; Monsanto the originator (in 1943) and a major producer of chemically fortified pale rosin size for the paper industry.

The fractionated tall fatty acid also joins the line of fatty acids marketed by Emery.

Badger Manufacturing Company engineered and constructed the new unit, a continuous-flow design which includes such innovations as perforated trays and enlarged column midsections to minimize pressure drop, internal condensers for overhead vapors and extensive instrumentation, including a 70-point data logger.

DuPont Int'l Unit

—Continued from page 5

Niagara Falls, N. Y., laboratory, Mr. Mendolia went into production work in 1943 as a process development engineer and became assistant process supervisor of chlorine products two years later.

In 1946 he was placed on special assignment to assist in the design of a new unit at the plant to produce adiponitrile, a nylon intermediate, from furfural and, following the construction of this unit in 1948, he was made a development group leader, then senior production supervisor, and finally, superintendent of the furfural products area.

He was appointed technical superintendent of the east plant, comprising the furfural and vinyl products areas, in 1952, and was transferred to Wilmington in 1954, as assistant director of research. In 1956, he became an assistant director of sales.

With Company Since 1946

Mr. Milligan started in 1946 as a junior engineer in applied research at the electrochemicals department's research laboratory, Niagara Falls, N. Y.

He was transferred to Wilmington in 1949 in chlorine products sales development work, and the following year was assigned to the research planning group. In 1953 he returned to Niagara Falls as a senior supervisor in the furfural products area and a year later was made a salesman in the New York office. He was appointed manager of the sodium products division in Wilmington in 1955. In 1957 he was transferred to the lysine section as manager.

Mr. Low joined duPont in 1939 as a junior engineer assigned to the Niagara Falls plant. He worked in various engineering assignments at that plant until 1946 when he was transferred to the sales division in Wilmington. He was made service manager for chlorine products earlier this year.

Food Additives Bill's

—Continued from page 3

true with respect to the matter of functional value.

The fear has been expressed in some quarters that while the bill contains no express provision allowing FDA to consider function value in clearing an additive for use, the language was so broad as to allow the agency this latitude. This will be clarified in the committee report.

The fact that much of the opposition of industry to the additives control legislation has crumbled in the past several weeks, thus giving strength to prospects of a control bill becoming law this session, does not necessarily mean that the Williams bill is slated for smooth sailing from here on out.

There is still a sizable group in the house under the leadership of Rep. John Delaney of New York who favors a stronger control bill than that approved by the committee and they may seek to modify it on the floor.

However, if the legislation gets through the house with out any great difficulty and no last minute hitch takes place, which would indicate the development of a sizeable amount of objections, its trip through the senate will be speedy.

It was learned that sponsors of the legislation already have been in conference with Sen. Lister Hill of Alabama, who will have charge of the legislation in the senate. He plans to have the measure reported to the senate without hearings.

Chemical, Drug Men

—Continued from page 4

tion under the auspices of the National Association of Retail Druggists.

They said that small business men were the prime victims of the recession and are steadily losing ground from the price-cutting tactics of their big competitors.

Charles F. Fort, president of Food Town Ethical Pharmacies, Inc., took the opposing view, however. He testified that a fair trade law will deprive the small merchants of the advantages of low overhead costs and force up the prices paid by consumers.

He said that low overhead and low retail prices are the greatest weapons available to the small businessman with limited capital but price fixing contracts will force him to charge his customers the same high retail prices as the big competitors with the big overhead.

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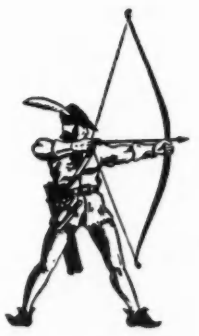

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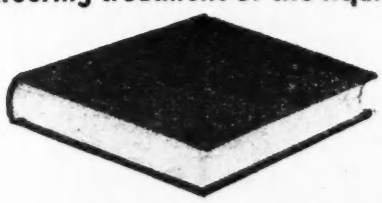

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Aliphatic Organics

—Continued from page 45

tively strong, others said that an analysis of sales figures indicated definite weak spots. But the majority felt that demand for formaldehyde has held up very well in July, under the best of circumstances a traditionally slow month.

Spokesman for one producer attributed the brighter market picture in July to the fact that the expected plywood slowdown did not take place. Then too, he said, buyers were taking some material into inventory, preparing for probable shutdowns in the early part of August.

Glycerine—Tight supplies have caused crude prices to inch higher. Last week, an informed source quoted saponification crude at 18½c. per pound, soaplye in a range of 16½c. to 17c., and imported crude at 17c. per pound. Market was described as seasonally quiet.

Methylene Chloride—Reports from the trade find this chemical in the poor demand position that is also characteristic of other of the chlorinated solvents. The tanktruck, works price of 12½c. per pound remains on the books though attempts to be competitive price-wise are rumored.

Molasses—Demand for feeding cane molasses, seemingly not influenced by the political situation in the Middle East, continued slow to moderate in the week ended July 22, Agricultural Marketing Service reported. Prices for the most part were unchanged.

Exports of industrial molasses during May totaled 951,287 gallons compared to 1,371,463 in April and 189,074 in March.

The Cuban Sugar Stabilization Institute reported that of the 185 million gallons of 1958—crop blackstrap molasses sold, 119.7 million gallons had been exported as of June 30 and 1.8 million gallons were being loaded on tankers. The amount of 1958—crop blackstrap officially assigned for local use and manufacture in Cuba is 87.8 million gallons, of which 54.6 had been used by June 30.

Perchloroethylene—Responding to competitive pressures from imported perchloroethylene, domestic producers reduced prices on bulk quantities ½c. per pound a month ago.

Trichloroethylene—Imports have long threatened to unsettle the domestic market but the aggravation has not yet been great enough to force US producers to revise price schedules. Demand is described as slow.

Chemical Men Braced

—Continued from page 3

exceed 5 percent a year. Furthermore, if the 5 percent cutting authority was not used one year, it could not be carried over to the next.

The house version provides that in cases where the President disregards the recommendations of the Tariff Commission for relief in escape clause cases, the President's action can be overridden by a two-thirds majority vote of both houses.

The Kerr-Thurmond amendment was a substitute for this provision, and with its elimination the senate bill would make no change in present law.

Bi-Partisan Committee Provided

The senate bill provides for a bi-partisan committee to be appointed to make a complete study of foreign trade policy and report by 1960 so that its recommendations can be considered prior to the time for renewing the trade agreements law in 1961.

The senate also wrote a number of other minor amendments into the bill during its consideration on the floor, such as a tightening up of the present law's peril point procedure; directing the President to make use of all available procedures to soften hardships on an industry resulting from denial of an escape clause case; and authorizing the President to give relief to all industries regardless of whether their products had been subject to a specific rate or an advalorem rate of duty.

CMRA Slates

—Continued from page 7

poration, "The Polyex Series"; Frank Dolian, Commercial Solvents Corporation, "Nitro Paraffins"; Hoyt Corley, Armour & Co., "Chemicals from Fats," and Parker Friselle, Dow Chemical Company, "Chelating Compounds."

Members of an interrogation panel will be R. F. Messing, Arthur D. Little, Inc.; Roger Williams, jr., Roger Williams Technical & Economic Services; George F. Rugar, Diamond Alkali Company, and Samuel D. Koonce, American Cyanamid Company.

Pharmaceutical Association Names Committee Chairmen

The Pharmaceutical Manufacturers Association has named new committee chairmen for the coming year. Committees and their chairmen are:

Biological, E. S. Barclay, Merck Sharp & Dohme; financial, J. O. Waymire, Eli Lilly & Co.; international, Harry Mallinson, Eli Lilly, International; legislative, John K. Worley, and medical, S. M. Hardy, Lederle Laboratories, division of American Cyanamid Company.

Other committees and their chairmen are: pharmaceutical contact, F. O. Taylor, Parke, Davis & Co.; production and engineering, L. H. Zahn, Ciba Pharmaceutical Products, Inc.; research and development, Charles F. Kade, jr., McNeil Laboratories, Inc., and transportation, Charles E. Brockman, Mallinckrodt Chemical Works.

Alcoa Names Whittaker

Whittaker, Clark & Daniels, Inc., New York, has been named a distributor for less carload shipments of calcined, hydrated, and tabular aluminas for Aluminum Company of American Pittsburgh, Pa.

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Petroleum Derivatives

The domestic market remained pretty much untouched last week by developments in the Middle East though producers and dealers concur that the effects will be felt. All is dependent, of course, on the turn of events. If a brush-fire war should develop or something larger, there is every possibility that an oil stoppage in the area will take place. In this instance, of course, the entire world oil picture will be revolutionized. Even if this should not take place—if the immediate political and military problems in the area should be merely an incident—the fact that the Middle East has become more and more the powder keg of current times, will force producers to revise their attitudes toward the supply picture. Just what may be done remains to be seen. Arabian oil is a large percentage of the world supply (more so to the European countries and England than here, but of great importance to us also) and drastic changes to its supply picture would inevitably bring changes to the domestic market picture. As has already been noted, however, there is no clear cut pattern yet available and the final effect present conditions will have remains obscure.

Indicated demand for domestic crude oil during the first six months of the year, according to a report by the Bureau of Mines, was 6,259,000 barrels daily, 11 percent below the same period in 1957. Crude oil production averaged 6,466,000 barrels daily and stocks of domestic crude oil have been reduced at the rate of 127,000 barrels daily since the end of 1957. The amount of domestic crude oil that will be consumed or exported in August, 1958, is estimated by the Bureau at 6,785,000 barrels daily, compared with 6,970,000 barrels daily forecast for July, 1958. Crude runs for August are expected to be 100,000 barrels daily below the July average. Data for May, according to the Bureau's report, indicate total crude runs of 7,378,000 barrels daily, including foreign runs of 904,000 barrels per day.

Solvents and Diluents

Benzene—Sources here last week failed to see any clear pattern in recent developments in the Middle East. One sentiment was that no matter which way the political or military ball bounces, in that area, the import of benzene here will have to wither further. Prior to the Lebanon and Iraq developments, imports of foreign benzene had dropped by about half. This was attributed as much to the drying up demand picture as to anything else, it was conceded, but the present feeling is that domestic sources will be more reluctant to bring in materials from the Soviet and its satellites. Also, there is the possibility that material will not be as easily available from those areas, though this seems less likely. On the domestic market, benzene continued pretty much as it had been, at recently reduced listings. The cut in price, prompted by a sale of a large shipment of material in a Texas port at reduced prices, had been seen coming for some time. Dealers and producers feel that little was availed them by the reduction as the market shows new interest in growing. However, it was felt that the cut had to be met in order for the market to remain competitive.

Toluene—Though the real situation in the domestic market for toluene remained unchanged, conditions surrounding the market appeared to firm somewhat last week in the light of developments in the Middle East. Sources here concurred that military demand might spur the market into something resembling its old self. Another Middle Eastern development, it was added, that could firm the market would be any cut-off in supply.

Crude Oil Stocks

Stocks of domestic and foreign crude petroleum at the close of the week ended July 12 totaled 252,809,000 barrels, according to data reported to the Bureau of Mines. Compared with the total of 255,161,000 barrels for the preceding week, this represents a decrease of 2,352,000 barrels comprising a decrease of 1,675,000 barrels in stocks of domestic crude and a decrease of 677,000 barrels in stocks of foreign crude.

Price Trends

Advanced
None

Reduced
None

Comparative Price Indexes
(100=1949 average)

Last week	Prev. week	Last month	July 26, 1957
105.51	105.51	106.73	106.83

For Current Prices See Page 9

Domestically, the market continued pretty much at previous levels and at recently reduced prices.

Xylene—Sources last week appeared in agreement that no break in price will take place in the immediate future. Producers attributed this firming attitude in part to influences created in the market by the present Middle Eastern situation. The attitude in turn is to a degree resultant of a suspicion that military demand will grow out of the crisis in the Middle East. All of this, of course, is a matter of conjecture, and the matter remains a relatively clouded issue, the only thing of substance forthcoming being the change in attitude. Hard and fast beneath the surface, however, remains the persistant flow of rumors that the highly competitive conditions persisting in the domestic market will inevitably force a shift. Working in behalf of the rumors is the fact that the automobile industry remains entrenched in the national recessional slump. Another factor contributing to this viewpoint is that output has increased, further adding to stockpiles. According to government figures, tar distillers and petroleum producers had an output of 18,158,348 gallons in March, an increase of more than 4 million gallons over February.

LPG's

Propane—Production of this material during the last two weeks of June amounted to 142,483,000 gallons as compared with the 111,944,000 gallons produced during the first two weeks of the month, according to a report by the American Petroleum Institute. Total production of propane during the last two weeks of June, 1957, had been computed at 111,685,000 gallons. Inventories of propane at plants, terminals and underground, the API said, was tallied at 336,877,000 gallons on June 30 as compared to 283,526,000 gallons on June 15. Inventories on June 30 of the year previous had been talked at 458,650,000 gallons.

Butane—Production of butane during the last two weeks of June was tallied at 76,018,000 gallons, according to a report by the American Petroleum Institute. Production during the first two weeks of the month had been computed at 71,567,000 gallons while that of the second two weeks of last year had been 50,757,000 gallons. Inventories of butane at plants, terminals and underground, according to the API report, amounted to 259,750,000 gallons on June 30 as compared with the 241,598,000 gallons on hand on June 15 and the 287,795,000 gallons on hand at the end of June of last year.

Miscellaneous

Crude Oil—Current reports of the industry for the week ended July 11, according to a report by the American Petroleum Institute, indicate an increase in crude oil production and an increase in crude runs. According to the report, the daily average output of crude (including lease condensate) was 6,439,000 barrels, an increase of 15,000 barrels from the preceding week. Daily average crude runs to stills of 7,607,000 barrels were 146,000 barrels above the preceding week, and 365,000 barrels below the week ended July 12. Runs of foreign crude amounted to 921,000 barrels daily, compared with 990,000 barrels in the preceding week. For the four week period ending July 11, crude oil production averaged 6,385,000 barrels daily, and crude runs to stills averaged 7,533,000 barrels daily, with runs of foreign crude averaging 988,000 barrels daily.

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Textile, Leather Chemicals

Conditions in the textile and leather chemicals market remained quiet and unchanged last week. Consumers continued to operate in a hand to mouth manner for most materials, chiefly for actual needs. Interest in later requirements continued limited. Prices were without change and were held for domestic materials, while lower ocean freight rates resulted in slightly lower prices for replacements of chestnut extract and Siamese tapioca flour. The Middle East political situation has not as yet increased consumer interest in replacements from that area—namely—Siamese tapioca flour, African mangrove bark, myrobalans, valonia or wattle bark and extract.

The Department of Agriculture has announced that, upon request of the purchaser of cotton sold by the Commodity Credit Corp. under the 1958-59 cotton export sales program, CCC will be prepared to draw drafts, accept payments, and deliver warehouse receipts starting July 23.

The department also slated that starting to release cotton on July 23 will help alleviate the congestion in banks and warehouses which would result if such action were delayed until Aug. 1. The earlier release will also expedite shipment of cotton sold under the program, make warehouse space available for new-crop cotton at an earlier date, and otherwise assist the industry in merchandising the cotton.

Exports of wool from Australia for 11 months ended May 31, 1958 totaled 1,097,923,000 pounds, against 1,199,663,000 pounds for the same period last year, according to the National Council of Wool Selling Brokers.

Main destinations were United Kingdom which received 256,549,000 pounds for 11 months ended May 31 this year, and 308,204,000 for July, 1956, to May 31, 1957; Japan received 188,292,000 and 227,689,000 pounds, respectively; France 174,363,000 and 207,076,000 pounds, respectively; Italy 130,796,000 and 117,277,000 and Belgium, 95,554,000 and 95,814,000 pounds, respectively. United States was 7th largest receipient of Australian wool—35.601,000 and 47,261,000 pounds, respectively.

Price Trends

Advanced
None

Reduced
Chestnut extract, ¼c. per lb.

Comparative Price Indexes
(100=1949 average)

Last week	Prev. week	Last month	July 26, 1957
100.28	100.28	100.29	106.28

For Current Prices See Page 9

Chemicals

Bichromates—Business was reported slow, reflecting the usual summer dullness. Prices were unchanged and steady for all grades.

Hydrogen Peroxide—Small lots moved for actual requirements. Quotations were held at former levels.

Sodium Hydrosulfite—Routine demand was reported for immediate delivery. Prices were steady and unchanged.

Sizing Materials

Albumin Egg—Buying interest was restricted to immediate delivery. Quotations remained steady and unchanged. Flake was offered at $1.11 to $1.13 per pound and powder, $1.15 to $1.17, spot, depending upon quantity. Technical grade was quiet, but steady at $1.08 to $1.10 per pound, same basis.

Corn Dextrin—Business was restricted to actual needs. Prices were unchanged. Gum was quoted to $9.40 per 100 pounds, paper bags, carlots, New York basis; dark canary, $9.24 light canary, $9.14, and white, $8.98, same basis. Less carlots were 15c. higher.

Corn Starch—Market was inactive, but steady. Prices were without change. Pearl was quoted at $7.38 per 100 pounds, paper bags, carlots, New York basis and powder, $7.50. Less carlots were 15c. higher. Visible corn supply declined 2,832,000 bushels to 82,683,000 bushels for the week ended July 18, compared with 122,787,000 bushels for the corresponding week last year, according to the Chicago Board of Trade.

Egg Yolk—Trading was reported fairly active for immediate and later requirements. Market was unchanged and firm, ranging from $1.29 to $1.32 per pound, spot, according to quantity.

Potato Starch—Business was slow and with offerings more liberal, the market was easier for carlot shipments from Maine. Grinders were asking 6½c. per pound, f.o.b. mills, but was shadable on firm bids. Stocks on spot were maintained at 8¼c. to 9¼c., exwarehouse, according to quantity, Idaho starch was unchanged at 6.35c. carlots, f.o.b. mills, less ¼c. for shipment to eastern destinations.

Tapioca Flour—Lower ocean freight rates weakened shipments of Siamese flour about ¼c. per pound. Trading was reported limited. B grade was quoted at 5.1c. per pound, carlots exdock, prompt shipment and A grade 5.65c. to 5.7c., same basis. Brazilian flour continued quiet and entirely nominal. B grade was quoted around 6½c., carlots, exdock prompt shipment and A grade, 6.8c. to 6.9c., same basis.

Tanning Materials

Canadian leather-footwear production in March, 1958, amounted to 3,929,773 pairs, an increase of 345,239 pairs above February and a decrease of 45,698 pairs from March, 1957.

For the first 3 months of 1958, production of leather footwear totaled 10,960,065 pairs, compared with 11,070,014 pairs in the same period of 1957.

Output of leather-soled footwear in March totaled 1,384,914 pairs; in the first three months it amounted to 3,761,370 pairs, against 3,841,392 pairs in the same time in 1957.

Chestnut Extract—Lower freight rates resulted in slight decline for shipment. Trading continued slow. Solid extract, 60 percent tannin was available at 8.55c. per pound, carlots, exdock, prompt shipment and 63 percent powdered 9.69c., same basis.

Cutch—Buying interest was limited. Shipments were held at 7½c. per pound, carlots, exdock, prompt.

Mangrove Bark — Market continued quiet. Offers for shipment were named at former levels. African bark was quoted at $64 to $65 per ton, exdock, prompt shipment. Columbian was nominal at $50 per ton, and Ecuadorian, $47, same basis.

Myrobalans—Shipments were quiet and quotably unchanged. Genuine J1's was quoted at $50 to $51 per ton, exdock, prompt shipment; crushed J1's, $65 to $66 per ton, and Bombay, $44 to $45, same basis.

Quebracho Extract—Primary market was without change and steady. Consuming inquiry lagged. Solid clarified 64 percent was held at 10.8713c. per pound, carlots, exdock, prompt shipment and solid ordinary at 9.9228c., same basis.

Valonia—Greek production of powdered valonia extract amounted to 3,718 tons in 1957, an increase of 684 tons over 1956 it was reported by U. S. Embassy, Athens.

Powdered valonia and pine bark extract production dropped to 632 tons in 1957 from 961 tons produced in 1956.

Domestic consumption of the powdered valonia extract in 1957 amounted to 1,226 tons, and in 1956 to 1,427 tons. Local use of powdered valonia and pine bark extract totaled 795 tons in 1957 and 976 tons in 1956.

Exports of tanning extracts from Greece totaled 2,837 tons in 1957 compared with 1,410 tons in 1956. Poland was the principal foreign market with 885 tons value at 5,428 drachmas (30 drachmas=approximately US$1). Other important markets were Egypt, 493 tons valued at 3,799 drachmas; Rumania, 492 tons valued at 2,990 drachmas; Bulgaria, 345 tons valued at 2,090 drachmas; and the United States, 215 tons valued at 1,372 drachmas.

Tanning extracts imported into Greece totaled 1,609 tons in 1957, compared with 1,191 tons in 1956. Italy, Argentina, Germany, and France were leading suppliers.

Wattle—Business was slow. All grades were held at unchanged levels. Fair average was quoted at $68 per ton, exdock, prompt shipment and merchantable, $64, same basis. Extract was unchanged. African 60 percent was held at 8.275c. per pound, and South African at 8.4c., carlots, exdock, prompt shipment.

Essential Oils, Aromatics

The essential oils market was rather spotty but firmer last week. Advances included clove leaf, garlic, and sandalwood oils. Clove bud oil has been firming during the past month due to the rising prices on the spice, and this was the case with clove leaf oil last week. Garlic oil imported from Egypt climbed skyward feeling the effect of the trouble in the Mideast. Both spot and shipping prices were harder. Sandalwood was said not to be directly influenced by the Mideastern situation as this oil has been rising for the last month. Shipping prices, however, were said to be strengthening which might be an indication of worry at source. Bergamot, geranium, mint, and citrus oils continued to display strength.

Reports as to the affect of the Lebanon situation on the essent al oils market varied last week. Lately, there has been a general feeling of more strength in this market. Many oils have been so weak that it would appear as if material was being given away. During the past month, this picture has started to move in the other direction. Several sources felt that the recent trouble has not made an upturn in prices. Others stated that buying of oils was up slightly. Some importers noticed an increase in shipping prices at primary sources which as yet have not affected the spot market and were not thought to be directly influenced by the crisis.

Cassia prices moved downward last week. Reports said that a steamer due to put into Padang in the early part of July was withdrawn. Also further delays were expected in getting shipments out. Therefore, importers were worried that the spot market might be in for a tight supply situation during August and September. Saigons were moving better; offerings of afloat and shipment lots were more readily available at moderate levels. East and West Indian nutmegs were firmer last week, and demand was better. Shipping rates from Singapore on East Indian material were up. Mace prices also were advanced.

Black pepper prices were fully higher with the news of trouble in the Mideast. Spots and futures were in demand what with the market here trying to fulfill July and August needs. Shipments levels were up too. The future of values will depend upon the political developments in the Mideast. The season of heaviest consumption approaches, and it was reported that reserves are low on spot. Importers have been drawing heavily from Singapore stocks and thus that market has shown strain of this, and stocks are said to be at a low level. Sarawak crop has been coming slowly and has not depressed values in any respect.

Price Trends

Advanced

Clove leaf oil, crude, 10c. per lb.
Garlic oil, imported, 40c. per oz.
Mace, Siauw No. 2 whole, 10c. per lb.
No. 2 siftings, 10c. per lb.
Nutmegs, East Indian, 15c. per lb.
West Indian 15c. per lb.
Pepper, Malabar black, 2c. per lb.
Lampong black, 2¼c. per lb.
Red, Japanese Hontaka #1, 2c. per lb.
Japanese Santaka #1, 1c. per lb.
Japanese Yatsufusas, ½c. per lb.
Sandalwood oil, 50c. per lb.
Styrax gum, 25c. per lb.

Reduced

Cassia, Batavia "A," 2c. per lb.
"B," 5c. per lb.
"C," 5c. per lb.
Korintje "A," 2c. per lb.
"B," 5c. per lb.
"C" 5c. per lb.
Cinnamon, Ceylon No. 0000, 4c. per lb.
Citronella oil, Java type, 1c. per lb.
a-Ionone, 25c. per lb.
Paprika, Bulgarian, 1c. per lb.

Comparative Price Indexes

(100=1949 average)

Last week	Prev. week	Last month	July 26, 1957
145.89	145.74	145.78	144.82

For Current Prices See Page 9

Essential Oils

Cananga—Prices of the essential oil were the same last week holding a range of $7.25 to $8 for natural oil, and $9.55 to $11.25 for rectificed oil. Shipping prices, however, were said to have dropped somewhat from previous levels.

Citronella—Spot prices have not been affected as yet by the Mideast situation, sources here commented last week. Reports from importers saying that they were without offerings did not cause anxiety for there have been other times during the year that the same thing has occurred in the absence of any real demand. Prices of the oil were lower than ever last week with Ceylon oil ranging from 58c. to 70c. Java type oil eased 1c. to a low of 57c. to 60c. per pound.

Clove Leaf—Spot prices of this oil advanced slightly last week, importers commented. The listing of crude clove leaf oil firmed 15c. to a reading ranging from $1 to $1.25 per pound in drums. Clove bud oil has been advancing lately due to the rising cost of the spice. The listing last week of the oil was $2.60 to $3.25 on spot.

Garlic—Imported oil advanced last week, sources reported. Garlic oil rose due to the recent upheaval in the Mideast for garlic is grown in Egypt which is in the center of the trouble area. Prices rose 40c. to a reading ranging from $4.50 to $5.50 per ounce.

Geranium—Levels continued to be strong last week. Demand was normal, but supplies short on spot. Conditions at primary centers were unchanged which means let up of this trend of firm prices is not anticipated in the near future. The Reunion islands were hit by storms earlier in the year which damaged the crops and therefore, the crops were smaller. The price last week for Bourbon geranium oil was $17 to $20.75 while Algerian oil was listed at $14.50 to $18.50 per pound.

Lemongrass—Another one of the weaker essential oils continued to be lemongrass oil. The same problem of overproduction and lack of demand exist for this oil. The material is at an all time low with listings ranging from $1 to $1.50 per pound in drums. People in the trade have been hoping a reversal might occur in this trend due to a falling output which in turn is the result of poor returns for producing the products.

Lime—Like other of the citrus oils, lime oil continued to follow a pattern of tight prices. The spring business started off slowly for the account of the beverage trade, but with the spell of recent hot weather demand appeared to have increased. The tightness in orange oil for many months has served to place a heavier demand on some other citrus oils such as lime. Distilled Mexican oil rose last month to a listing of $6.50 to $6.80; distilled West Indian oil ranged from $6.50 to $6.75; and expressed West Indian was $8.50 to $13.70 per pound.

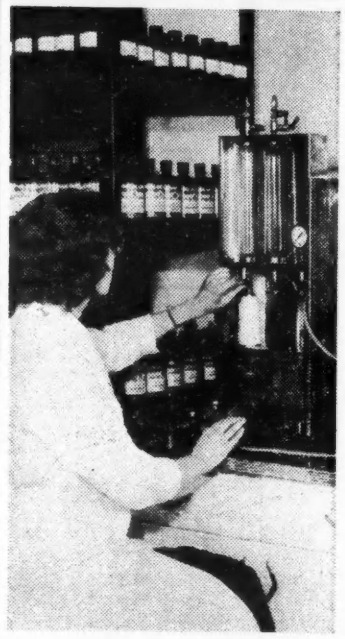
Mint—The mint oils were steady and firm at recently advanced levels last week, sources reported. Stocks have been dwindling and stocks are short. New crop time comes in August which should ease the situation. According to the Department of Agriculture, peppermint acreage was diminished drastically. This year's acreage of 42,500 acres is 13 percent below last year's. Spearmint acreage was placed at 12,100 acres, a 13 percent drop from last year's. Both are 25 percent below average. In the case of both peppermint and spearmint, all states have reported declines in acreage excepting Washington which shows excellent stand.

The current price of natural peppermint oil was ranged from $4.50 to $5.50, and redistilled oil was listed at $4.60 to $5.85. Spearmint oil held a reading of $4.50 to $5.55 per pound.

Nutmeg—This spice oil was unchanged last week, dealers reported. East Indian oil was listed as ranging from $12 to $15.75 while West Indian nutmeg oil held a reading of $12.25 to $15.75.

Sandalwood—The price level of this oil advanced further last week. Sources said that the spot market was poorly supplied with material. The oil has been moving upward during the past month to more normal levels so importers here do not feel that the oil has been affected by the trouble in the Mideast. Shipping prices, however, were rising last week which may be some indication of anxiety at source. The increase of 50c. put the new price of sandalwood oil at a range of $13.50 to $14.75.

Vetiver—No price shifts have taken



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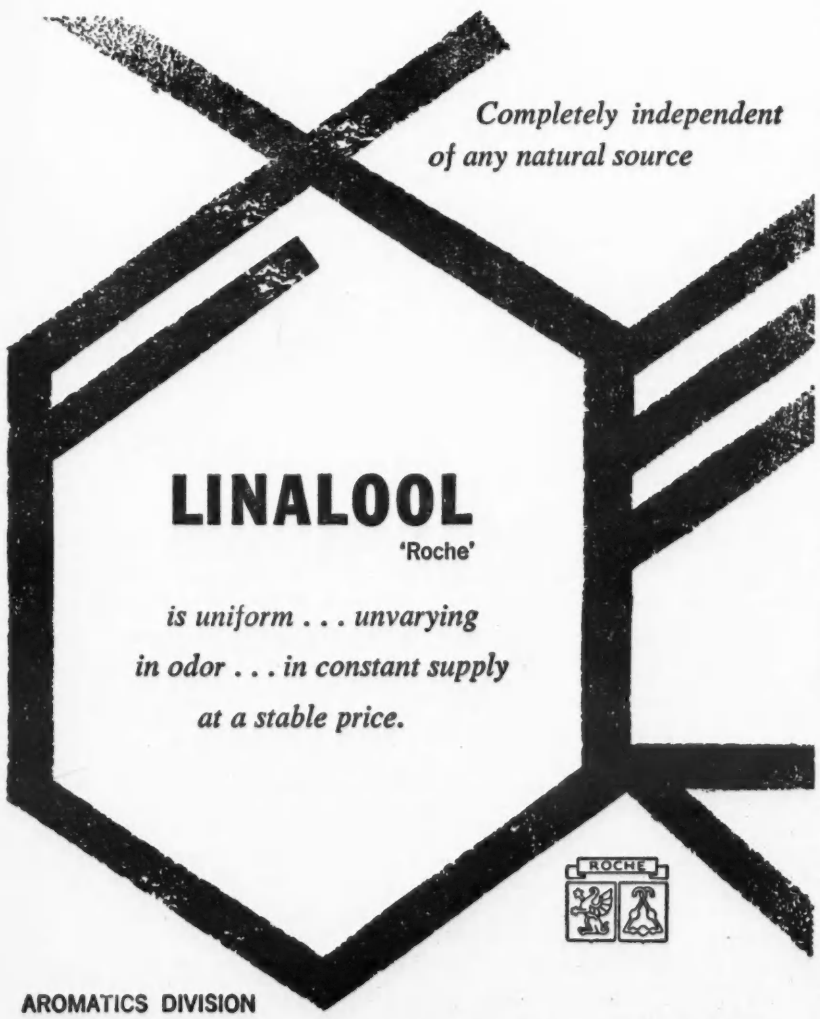

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Essential Oils

place for some time now for all grades of this oil. Bourbon material was steady at $13 to $15.50, Haitian oil was listed at $10 to $11.50, and Java vetiver oil held a range of $11.75 to $12.25 per pound.

Aromatic Chemicals

Amyl Salicylate—Earlier this month prices of this aromatic chemical fell off somewhat. The present listing was 58c. to 79c. per pound last week. The decline was an adjustment made by a producer to be more in line with the general market.

Eucalyptol—Prices of this aromatic chemical were unchanged last week, producers stated. The price of eucalyptol was steady at $1.10 to $1.40 per pound. In view of the weakness of eucalyptus oil, a downward move would not be surprising in eucalyptol.

Geranyl Acetate—This derivative of citronella oil has not declined in some time despite the extreme weakness of that oil. The price last week of geranyl acetate was $2.20 to $2.70 per pound.

Heliotropin—Listings were steady last week for this aromatic chemical, sources reported. The price of heliotropin in 100 pound lots held a range of $2.50 to $3 per pound.

Ionone—A price adjustment took effect for alpha ionone last week, a major producer reported. A decline of 25c. put the new price at $3.80 to $4.15 per pound. In May also alpha ionone dropped in price.

Rhodinol—This aromatic chemical was unchanged last week, sources stated. The listing was ranged from $33 to $41 for rhodinol in 5 pound cans, and from $15 to $16 for synthetic material.

Styrax Gum—This market has been in bad straits for about six months now. Many in the trade have reported they are without stocks while those offering material quote nominal prices. It would appear as if the Turkish government were sitting on the material and not releasing it. Auctions of styrax gum were late this year having taken place in May. No one is making bets as to when Asiatic material will be available. Honduras had been supplying the spot market with stocks, but production there is small and was soon exhausted. The price of styrax was at a high of $3 per pound.

Seeds and Spices

Cassia—Spot levels eased slightly last week. Shipments from Padang met with delays, and it was reported that a steamer scheduled to arrive in Padang in July was cancelled. Importers here have shown some anxiety that supplies might tighten up again in August and September. Offerings of afloat and shipment lots were said to be going at reasonable prices.

Both Batavia and Korintje cassia, grades "A," "B," and "C," fell of 2c., 5c., and 5c. to listings of 60c., 56c., and 55c. per pound respectively.

Nutmegs—Advances occurred in the prices of both East and West Indian grades last week. Demand was improved, and shipping prices from Singapore for East Indian material was said to be at a high level. West Indian and East Indian nutmegs rose 15c. to listings of $1.85 and $2 in that order, sources revealed.

Pepper—Prices climbed to higher level last week with the news of the Middle East troubles. The trade was trying to meet July and August needs, and thus spots and futures were in heavy demand. Future prices will be controlled by further developments in the trouble area. Stocks on spot are not heavy and the season of largest consumption is nearing. Singapore stocks have been drawn from over the past months so that source will not have many offers left for this season. The Sarawak crop has been arriving slowly and has not depressed values at all. India does not appear much of a factor in filling our needs. Malabar black pepper rose 2c. to 30¼c., and Lampong black rose 2¼c. to 30c.

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Coatings Materials

Seasonally diminished buying interest was evident in most coatings markets last week. This was particularly true of the resins, pigments and plasticizers that move to industrial accounts. But producers of retail paints were still showing sporadic interest in white lead, titanium dioxide and related materials. A few consuming plants had reopened after a two week shutdown that began July 4, while others had not yet closed for vacation. Business volume is expected to remain at current levels until start of the Fall season.

Nothing has happened on the price front following the decline in red lead that was recorded three weeks ago. The current international crisis, however, has brought a note of firmness to the market for basic metals. The fact that buyers of these materials have failed to make large scale commitments would indicate that they are not convinced that the crisis will lead to armed conflict. This attitude will change, observers say, if the situation is allowed to go unresolved.

The natural resins trade is not feeling anxiety about supply in connection with the Middle East troubles. They note that even when the Suez Canal was closed during the last crisis, shipments continued without disruption. Should it be necessary to ship around the Cape of Good Hope, the added cost would be negligible, they say.

Shellac quotations are steady at levels reflecting floor prices at the source. Orange grades are offered at 38 cents to 39 cents per pound for lemon No. 1, 36 cents to 37 cents for No. 2 and 34 cents to 35 cents for superfine, while bleached lits at 46 cents for bonedry in bags, 1,500 pound lots, and 56 cents for fully refined.

Production of gum naval stores, according to a report of the Department of Agriculture, amounted to 16.370 barrels of turpentine and 45,540 drums of rosin in June. This made for an overall gain of four percent over the level reached in June of last. Additional data from this report are given below under "Naval Stores."

For the past several months, reports from the casein market have painted a static picture. Quotations, with only minor variations, have kept to a level of 19 cents per pound, while buying interest was either absent or limited to immediate requirements. Soya protein, also offered at 19 cents per pound, has been held partly accountable for the lag in interest.

Price Trends

Advanced
None

Reduced
None

Comparative Price Indexes
(100=1949 average)

Last week	Prev. week	Last month	July 26, 1957
101.45	101.45	101.45	100.67

For Current Prices See Page 9

Prime Pigments

Aluminum Paste, Powder—The reaction of aluminum makers to the hourly wage increase slated for August 1 will be of major significance in the price outlook of paste and powder. Ordinarily, aluminum would go up, but influences are at work, observers say, that might induce the trade to pass up this opportunity to raise schedules.

One such influence, and certainly the most potent one, takes the form of brisk competition in foreign outlets. Another is the recession here.

This pricing dilemma has not been limited solely to the aluminum trade. Elsewhere in the economy, steel for example, the customary effect of cost increases on price levels has been forestalled by pressures in the marketplace. There even have been instances, some of them in the coatings market, of prices falling while costs moved upwards.

The crisis in the Middle East may yet outweigh all other considerations in determining the future of prices, depending upon how far it moves towards armed conflict. A firm tone already has been imported to the London Metals Exchange, where for many months quotations had floundered. Some observers look for actual advances to take place.

Copper Oxide—This pigment is moving in moderate quantity at 42¾c. per pound for black, 40½c. for Type I red and 38½c. for Type II red in lots of 1,000 to 1,999 pounds. Supplies are adequate, and prices, though currently unchanged, have been given a strong tone by the tense international situation.

Lead Pigments—Nothing has happened to prices since the decline of three weeks ago. The schedule that was posted at that time made red lead 13¼c. per pound for 95 percent in carlots, 13.45c. for 97 percent, and 13.60c. for 98 percent. Litharge and orange mineral were moved down to 12¾c. and 15.60c. per pound, respectively.

Zinc Pigments—Scattered orders for prompt needs were being filled last week, but most of the consuming trade was on vacation. There is every indication that the fall season will be an excellent one for paints. It is likely to be otherwise for rubber accounts unless automobile sales experience a sharp recovery, trade sources believe.

Fillers and Inerts

Asbestos—Reports on asbestos shipments during the first half of the year showed that the industry was feeling its share of the business recession. Its hardest hit customers were in the building trades and textiles. Brake lining fared better because losses through low production of automobiles were offset by replacement sales.

The present market is lackadaisical. Many mills, as well as consuming plants, have shut down for vacation, so that overall production and sales are low. But in outlets for brake lining and asbestos cement materials, moderate to brisk buying has been reported. The demand for asbestos cement pipe is expected to gain steadily through the remainder of the year as housing construction, which was off to a late start, moves into high gear. Asbestos paper is still slow, but third-quarter prospects are said to be favorable.

Mica—Movement to paint and wallpaper accounts has held up well thanks to a sustained high level of trade sales in the coatings field. It is only in the industrial category that coatings have experienced the recession. Mica supplies are reported to be amply available to meet all market needs.

Natural Resins

Copal Gum—Last week's price advances in Manila grades have been firmly maintained. Manila C and DBB, up 1c. per pound, are quoted respectively at ranges of 35c. to 39c. and 25c. to 28c. per pound.

The trade is not worried about supply in connection with the Middle East crisis. For even when the Suez Canal closed during the last crisis no disruption in shipments occurred. Should it be necessary in the present situation to ship around the Cape of Good Hope, the added cost would be negligible, trade sources say.

Dammar Gum—East India Batu nubs chips were recently moved up fractionally to a range of 8½c. to 9½c. per pound. Prices of pale chips increased 1¼c. to 14½c. to 16c. per pound.

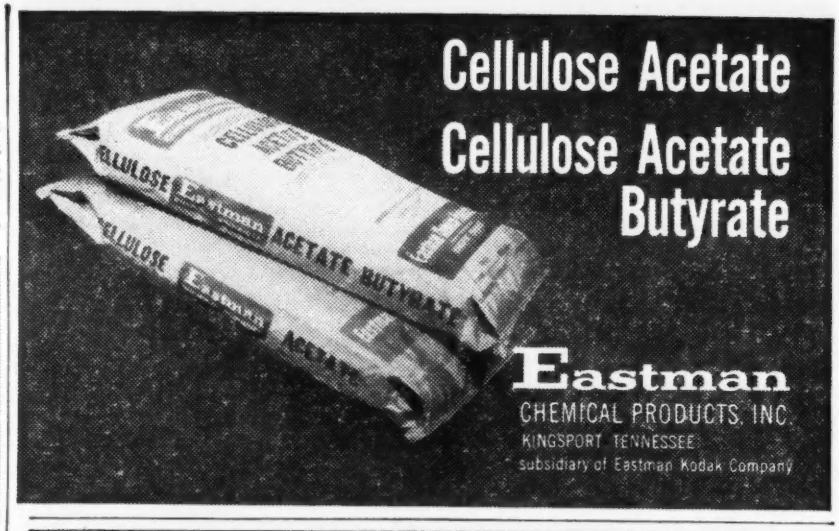
Shellac—Orange grades are steady here at 38c. to 39c. per pound for lemon No. 1, 36c. to 37c. for No. 2 and 34c. to 35c. for superfine. TN, as previously, is out of stock because of lagging interest. Bleached is offered in ample amount at 46c. for bonedry in bags, 1,500 pound lots, and 56c. for fully refined.

Naval Stores

Production of gum naval stores in June totalled 16,370 barrels of turpentine and 45,540 drums of rosin, which made for an overall gain of four percent over the level reached in June of last year. This upturn, however, failed to offset the slow start of April and May, so that production in the first quarter of the season lagged 11 percent behind the same period of last year. First quarter output of steam distilled turpentine declined nine percent, sulfate turpentine eight percent, steam distilled rosin nine percent and tall oil rosin five percent.

CCC stocks on June 30 were virtually

—Continued on page 62



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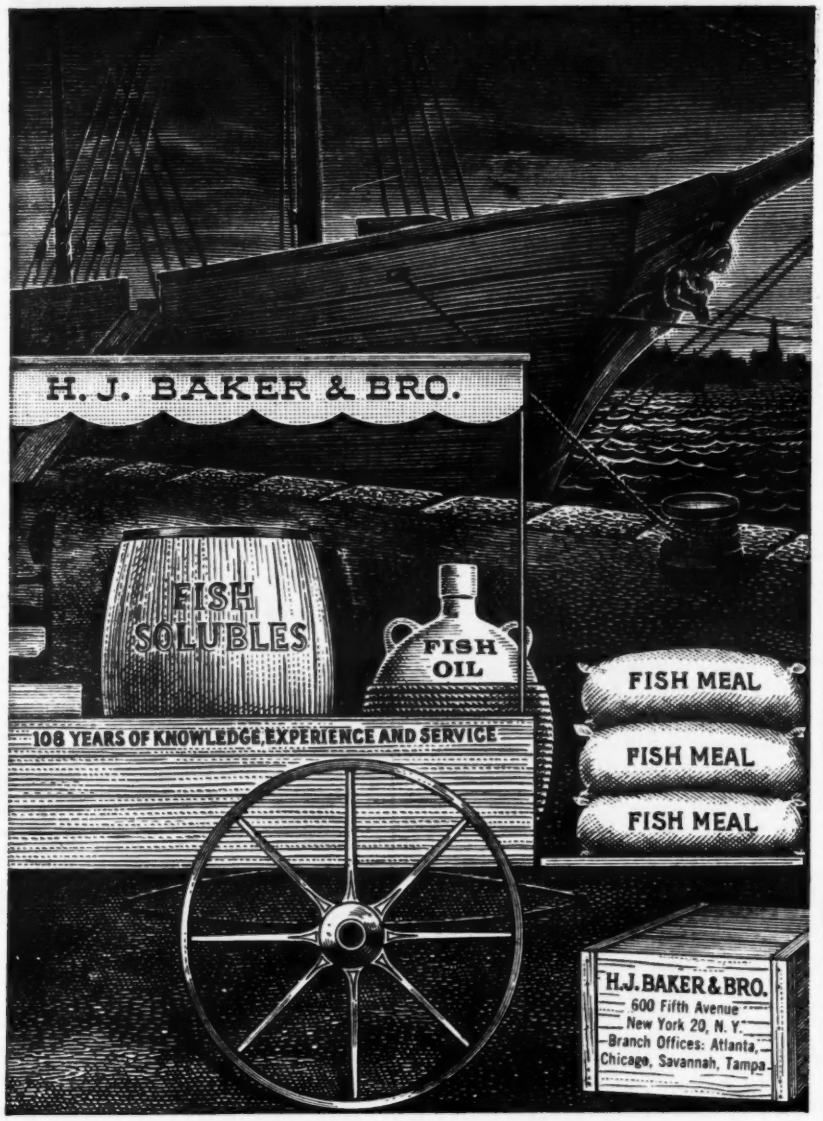

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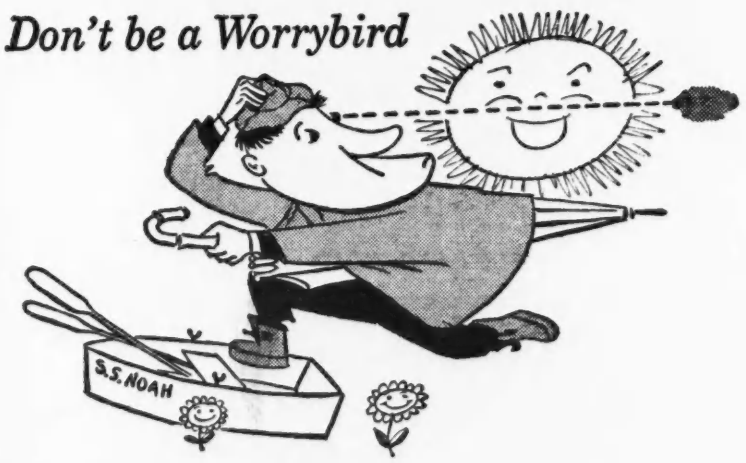

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Oils, Fats and Waxes

Easing of the tense situation in the Middle East resulted in weakening cottonseed and soybean oil futures and materially reduced recent sharp price advances. This affected cash oils and both oils dropped fractionally. Among edible oils, corn was the exception, which remained unchanged and firm. Peanut oil also was steady, due to scarcity of stocks. Trading in edible oils was spotty, chiefly for refined soybean oil at the lower level for prompt delivery.

Crude coconut oil and copra also were affected by the relaxed situation in Mideast and the market was easy.

Further strength featured the tallow market. Scarcity of offers combined with improved demand for dealers and speculators account resulted in trading at an advance of about ¼ cent per pound. Soapers showed moderate interest but held bids ¼ cent below offers. Greases also were firm and higher, but not to the extent of tallow.

Soybean meal continued to advance daily for nearby delivery scoring net gains of $3 per ton for balance of July. Trading was less hectic than the previous fortnight. Extracted linseed meal was steady and unchanged, while old process was lifted $2 per ton. Trading in new crop cottonseed meal for August delivery has been delayed due to heavy rains. Old crop was scarce and small lots were sold at $1 higher.

Linseed oil moved in fair volume for fill-in needs at unchanged quotations. Other drying oils continued in limited demand. Tung, Brazilian castor and oiticica oils remained unchanged and steady.

Price Trends

Advanced

Beeswax, African crude, 1c. per lb.
Corn oil, crude, ¼c. per lb.
Refd., ¼c. per lb.
Cottonseed meal, $1. per ton
Greases, ⅛c. to ¼c. per lb.
Lard, cash 3/10c. per lb.
Tallow, inedible, ¼c. to ⅜c. per lb.

Reduced

Cocoa butter, 2c. per lb.
Coconut oil, crude, ⅛c. per lb.
Copra, $1.50 per ton
Cottonseed oil, crude, ¼c. per lb.
Refd., ¼c. per lb.
Soybean oil, crude, ⅜c. per lb.
Refd., ⅜c. per lb.

Comparative Price Indexes
(100=1949 average)

Last week	Prev. week	Last month	July 26, 1957
123.66	123.35	118.13	115.14

For Current Prices See Page 9

Vegetable Oils

Castor—Market remained on a steady basis. Business still spotty. No. 1 Brazilian maintained at 16c. per pound, tankcars, New York, prompt delivery. Domestic also quiet and well held.

Import of castor beans and castor oil at New York and Philadelphia last week were as follows:

	Pounds	
	Castor Beans	Castor Oil
Last week	271,800	1,200,000
Previous week	.....	1,804,000
Corresponding week, 1957	.....	1,468,000
Total this year	9,041,500	46,027,000
Corresponding period, 1957	12,322,900	58,005,000

Coconut—This market was quiet and lower. Crude was quoted at 14⅛c. per pound, tankcars, f.o.b. Pacific coast, July-August shipment and 15⅛c., New York basis.

Corn—Crude was firm and bid at 13½c. per pound, tankcars, f.o.b. mills, prompt shipment. Refined was held at 17.10c., tankcars, New York, prompt.

Cottonseed—Futures weakened as a result of the easing of the tension in the Middle East last week. This brought general selling and liberal liquidation, sharply reducing the price advance week previous. Trading was moderate, the market backing and filling and fluctuating erratically. Weather conditions continued satisfactory for the cotton and soybean crops. Consuming interest was reported limited. Refined salad was lower at 15¾c. per pound, tankcars, New York, prompt delivery.

Cottonseed Oil Futures

Sales and prices of prime summer yellow cottonseed oil futures in tankcars (60,000 pounds) on the N. Y. Produce Exchange for the week ended Friday, July 25, follow:

	Sales	Cents per Pound High	Low	Close
Sept.	281	14.40	13.99	14.25@14.27
Oct.	81	14.40	14.00	14.33@14.36
Dec.	312	14.48	14.09	14.39S
March	168	14.55	14.14	14.45S
May	47	14.49	14.20	14.44S
July (1959)	16	14.44	14.32	14.40S

Total sales and switches, 905 contracts.

Cottenseed Crush: June

Cottonseed received and crushed and production of cottonseed products during June and May, as compiled by Bureau of Census, follows:

	June	May
Cottonseed	Tons	
Receipts at mills	11,583	5,001
Crushed or used	127,093	179,741
Stocks at mills	225,276	340,786
Crude Oil	Pounds	
Produced	43,206,000	61,675,000
Stocks at mills	22,327,000	28,066,000
Cake and Meal	Tons	
Produced	55,749	81,357
Stocks at mills	162,223	182,734
Hulls	Tons	
Produced	31,124	45,564
Stocks at mills	113,791	128,501

Linseed—Outside of demand for fill-in needs, the market was dull and featureless. Price schedule was unchanged and steady. Raw oil was held at 13.7c. per pound, tankcars, Minneapolis, July-October delivery; 13.9c., November-January and 14.1c., February-April. Withdrawals against current contracts were reported moderate.

Flaxseed—Stocks of flaxseed in all positions on July 1 totaled 9,215,000 bushels compared with 15,517,000, April 1; 19,449,000, July 1, 1957, and 11,873,000, July 1, 1956.

Minneapolis.—Crushers reduced bids on cash flaxseed 5c. to $3.20 per bushel. Bid for August arrival, supported by crushers, was 3c. under spot. Cash flaxseed rallied to $3.25 a bushel early but closed 5c. off. Exporters purchased C.C.C. flax as high as $3.48, f.o.b. vessel at the head of the lakes. Reports of better condition Canadian crop caused futures to drop in that market.

Receipts and shipments of flaxseed, in bushels, were as follows:

	Receipts 1957-58	Receipts 1956-57	Shipments 1957-58
Past week	257,250	1,089,200	73,500
Since Sept. 1	17,469,750	30,319,800	2,209,150

Olive—Firm tone prevailed for shipment from abroad at the recent advance. Trading was spotty, but offers were well held. Greek oil was held at $60. to $61. per 100 kilos, drums, c. and f. New York, prompt shipment and Tunisian, $58.50, same basis. Stocks on spot were steady and ranged from $2.40 to $2.50 per gallon, drums, duty paid, depending upon quality and quantity.

Peanut—Light sales of crude were reported at 17¼c. per pound, tankcars, f.o.b. mills, nearby delivery with ¼c. more asked. Refined was offered at 20½c., tankcars, New York, prompt.

Soybean—Crude reflecting the easing of tension in the Mideast and gains of ½c. of the previous week were practically to 9⅞c. per pound, tankcars, Decatur, unrestricted, July-August delivery. Market wiped out. Light sales ranged from 9⅝c.

Soybean Oil Futures

Sales and prices of crude soybean oil futures in tankcars (60,000 pounds) on the New York Produce Exchange for the week ended Friday, July 25, follow:

Sales	Cents per Pound High	Low	Close
No Sales Last Week.			
Total sales, 0 contract.			

Soybean Crush: June

Soybeans received and crushed and production of soybean oil and meal during June and May, as compiled by the Bureau of Census, follows:

Soybeans

	June	May
	Tons	
Receipts at mills ...	729,606	640,221
Crushed or used ...	861,169	966,248
Stocks at mills	1,085,814	1,226,377

Crude Oil

	Pounds	
Produced	310,913,000	347,301,000
Stocks at mills	113,390,000	141,927,000

Cake and Meal

	Tons	
Produced	669,556	759,192
Stocks at mills	82,345	104,661

Oils, Fats and Waxes

closed nominal at 9⅞c. Trading in refined oil was fairly active at the lower levels. Refined salad was dropped to 12½c. tankcars, New York, prompt delivery.

Export declarations for the week ended July 18 were: Crude, 699,980 pounds and refined, 630,980 pounds.

Stocks of soybeans in all positions on July 1 totaled 107,393,000 bushels against 254,413,000, April 1; 86,897,000, July 1, 1957 and 48,467,000 July 1, 1956.

Miscellaneous

Cocoa Butter—Market was unsteady and lower. Spot stocks ranged from 99c. to $1.05 per pound, according to quantity.

Copra—Shipments were easier and nominal at $187.50 per ton, c.i.f. Pacific coast. Trading was slow.

Fats and Greases

Greases—Market was firm and higher with stronger tallow. Prices were lifted fractionally. Trading was spotty, but offers were limited and in firm hands. Yellow ranged from 7¾c. to 7⅞c. per pound, tankcars, delivered, as to acid. Choice white was nominal at 9c., same basis.

Lard—Steadier tone developed and quotations were lifted fractionally. Cash lard bids were raised to 12.35c. per pound, drums, Chicago.

Tallow—Trend of this market continued upwards as a result increased interest from dealers and speculators. Prices advanced from ¼c. to ⅜c. as to seller. Offers continued scarce and buyers had to raise bids in order to obtain material. Quotations were more or less nominal for all grades. Bleachable fancy, 8⅝c. to 8¾c., tankcars delivered as to seller; prime, 8⅜c. to 8½c.; special, 8⅛c. to 8¼c. and No. 1, 7¾c. to 7⅞c. Export business was reported moderate. Guaranteed fancy was higher at 9¾c., drums, f.a.s. and 9¼c., bulk.

Cake and Meal

Cottonseed Meal—Usually new crop meal is being sold by this time of year for shipment in August but rains have slowed maturity of the crop. Oil mills are not offering. Old crop stocks were limited with small lots sold at $65 per ton sacked Memphis; $73 Alabama and Georgia points.

Linseed Meal—Good demand was reported for nearby delivery. Market firm, with old process advanced $2 per ton and extracted unchanged.

Minneapolis.—Sales of linseed meal were usually of single carlots but these orders were numerous. Many large users are well booked to new crop but supplies were not pressing. Extracted meal, 34 percent was at $58 a ton, bulk, in carlots, f.o.b., Minneapolis, for July delivery and $56.50 for August. Old process expeller was $2 a ton higher at $61.50 for August delivery, $60 for September and $57, October/December.

Shipments of linseed meal, in pounds, were as follows:

	1957-58	1956-57
Past week	6,960,000	11,160,000
Since Sept. 1	573,300,000	569,260,000

Soybean Meal—Much of the momentum disappeared from this market as users with low balances held purchases to requirements for a week or two ahead. Nearby prices reached new highs daily as the limited demand found supplies virtually unobtainable. Unrestricted and eastern trunk line buyers have been most active in recent weeks, users in the West having shown more reluctance to follow the advances. As a result a substantial amount of western meal remains to be sold for August needs. Meal for spot delivery advanced $3 a ton. Meal, 44 percent was quoted at $77 a ton, unrestricted, bulk, Decatur, for current week. Delivery first half August was at $72 and last half, $70.

Waxes, Vegetable

Buying interest in vegetable waxes slackened last week following the easing of the tension in the Middle East. Crude beeswax remained strong however reflecting the tight crude supply situation at primary sources. Crude African offers were light and raised 1c. to 58c. to 59c. per pound, prompt delivery. Offers from Brazil, Chile, Cuba and Mexico continued nil. Refined beeswax was unchanged and well held. Carnauba grades were maintained at former quotations despite reduced consumer interest for spot delivery. Replacements from Brazil continued scarce and were firmly held.

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Titre	127.0°-127.9°F.
Color 5¼" Lovibond Red	2.5 max.
Color 5¼" Lovibond Yellow	20 max.
Unsaponifiable	0.15% max.
Saponification Value	207-210
Acid Value	206-209
Iodine Value (WIJS)	9-11

COMPOSITION

Myristic	2%
Palmitic	48%
Stearic	40%
Oleic	9%
Linoleic	1%

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IMPORTS at United States Ports

New York

AGAR—20 bls, Natural Products Corp, Yokohama
10 bls, Halford Lewis Ltd, Kobe
46 cs, Duche Uni-Gum Corp, Leixoes
ALUMINUM BROMIDE—3 cs, Fisher Scientific Co, Bremen
ALUMINUM CHLORIDE—6 dms, Chemimpex, Bremen
ALUMINUM OXIDE—50 bgs, Hamburg
AMYLASE CONCENTRATE—92 bbls, J M Rodgers Co, Copenhagen
AMYRIS OIL—1 dm, Chase Manhattan Bank, Port Au Prince
ANILINE DYES—12 dms, Hensel Bruckmann & Lorbacher, Hamburg
30 dms, Putnam Chemical Corp, Hamburg
24 dms, Sandoz Inc, Havre
55 dms, Hensel Bruckmann & Lorbacher, Bremen
1 dm, Geigy Chemical Corp, Southampton
113 dms, Rotterdam
ANNATTO SEED—25 bgs, Marcel Calvet, Calcutta
ANTIMONY OXIDE—220 bgs, Hamburg
ANTIMONY REGULUS—281 cs, Rijeka
ARABIC GUM—250 bgs, Duche Uni-Gum Corp, Port Sudan
150 bgs, Colony Import & Export Corp, Port Sudan
101 bgs, John Holt & Co, Port Sudan
ARSENIC, METALLIC—60 dms, C Tennant Sons & Co, Avonmouth
ASBESTOS FIBER—7,236 bgs, Johns Manville Corp, Lourenco Marques
2,310 bgs, N A Asbestos Corp, Lourenco Marques
3,069 bgs, Johns Manville Corp, Capetown
BARIUM CHLORIDE—331 bgs, Hamburg
BEEF EXTRACT—248 cs, Tupman Thurlow, Buenos Aires
170 cs, Tupman Thurlow, Montevideo
BEESWAX—169 bgs, Bank of London & S A, Porto Alegre
17 bgs, Lenape Trading Co, Port Au Prince
100 bgs, Chase Manhattan Bank, Porto Alegre
42 bgs, American Shipping Co, Tampico
20 bgs, H H Pike & Co, Santiago
24 bgs, Havana
91 bgs, Tampico
BENZOIN GUM—45 cs, Lo Curto & Funk, Bangkok
BILE, OX—1 dm, Tec Chemical Corp, Montevideo
BLANC FIXE—21 dms, C J Osborn Co, Rotterdam
BOIS DE ROSE OIL—10 dms, S A Minerals & Merchandise Co, Callao
2 dms, J Manheimer, Callao
5 dms, Anglo American Hides Co, Callao
2 dms, Lo Curto & Funk, Callao
10 dms, Chase Manhattan Bank, Iquitos
BONE CHARCOAL—200 bgs, Riches Nelson, Rotterdam
BONEMEAL—1,000 bgs, American Grain & Feed Corp, Alexandria
BRONZE POWDER—25 dms, Allied Manufacturing Co, Hamburg
BURNT SIENNA—20 cks, Reichard Coulston, Leghorn
BUTTONLAC—100 bgs, C H Timm, Calcutta
200 bgs, Gillespie Rogers Pyatt, Calcutta
CALCIUM CARBONATE, PRECIPITATED — 800 bgs, H J Baker & Bro, Avonmouth
CALCIUM HYPOPHOSPHITE—2 dms, Lo Curto & Funk, London
CALCIUM OXIDE—5 dms, Natural Nydegger, Rotterdam
CAMPHOR POWDER—44 cs, H A Cogarty, Keelung
20 cs, Manufacturers Trust Co, Keelung
CANANGA OIL—2 dms, Polak & Schwartz, Singapore
1 dm, Givaudan Corp, Tandjong Priok
CANDELILLA WAX—313 bgs, Tampico
CARAWAY OIL—5 dms, Chemical Bank, Rotterdam
CARAWAY SEED—100 bgs, Rotterdam
CARBON FERRO-MANGANESE—131 dms, Chase Manhattan Bank, Yokohama
CARDAMOM SEED—34 cs, Wm E Martin & Sons, Colombo
CARNAUBA WAX—56 bgs, Chemical Bank, Fortaleza
144 bgs, Cornelius Wax Refining, Fortaleza
58 bgs, Wm Diehl & Co, Fortaleza
56 bgs, Dura Commodities Corp, Rio de Janeiro
CASEIN—375 bgs, H Behrens, Hamburg
200 bgs, Chase Manhattan Bank, Buenos Aires
7,000 bgs, Borden Chemical Co, Buenos Aires
920 cks, A J Mills & Co, London
5,515 bgs, A J Mills & Co, Auckland
416 bgs, Irving Trust Co, Ponta Delgarda
267 bgs, Ponta Delgarda
CASSIA—114 bls, Irving Trust Co, Saigon
858 bls, A G Dunn, Saigon
530 bls, Chemical Bank, Saigon
368 bls, California Commodities Corp, Saigon
232 bls, Ludwig Mueller, Singapore
69 bgs, Central Trading Co, Belawan Deli
83 bls, Karl H Landes & E Balint, Saigon
626 bls, Saigon
823 bls, Rotterdam
CASTOR BEANS—1,812 bgs, Hollander Trading Corp, Port Au Prince
CASTOR OIL—300 tons, Salvador
CHAMOMILE FLOWERS—50 bls, Chase Manhattan Bank, Buenos Aires
CHESTNUT EXTRACT—1,900 bgs, Barkey Importing Co, Genoa
CHLOROPHYLL—22 dms, Airkem Inc, London
CHOLESTEROL—6 dms, Arista Oil Products Co, Yokohama
CINNAMON QUILLS—50 bls, Max Van Pels, Colombo
50 bls, Wm E Martin & Sons, Colombo
100 bls, Delano Corp of America, Colombo
25 bls, Norwalk Mills, Colombo
50 bls, Colombo
CITRONELLA OIL—2 dms, Givaudan Corp, Rotterdam
50 dms, Holland Colombo Trading Society, Keelung
15 dms, A Verley & Co, Hong Kong
50 dms, L A Champon & Co, Hong Kong
50 dms, Keelung
CLAY—733 bgs, L A Salomon & Bro, Bremen
COALTAR DYES—10 dms, Orlex Dyes & Chemical Corp, Rotterdam
78 dms, Hensel Bruckmann & Lorbacher, Rotterdam
25 dms, C A Haynes, Havre
COCHINEAL—34 bgs, Bank of N Y, Callao
COCONUT OIL—1,000 tons, E F Drew & Co, Cebu
1,000 tons, American Trust Co, Zamboanga
298 tons, Pacific Vegetable Oil Corp, Manila
910 tons, Manila
COCONUT OIL, HYDROGENATED—23 tons, Fallek Products Co, Rotterdam
CODLIVER OIL—413 dms, National City Bank, Leixoes
COPAL GUM—99 bkts, O G Innes Corp, Macassar
122 bgs, Internatio Rotterdam, Manila
140 bgs, O G Innes Corp, Manila
CORIANDER SEED—300 bgs, Louis Furth, Kenitra
400 bgs, Transit Import & Export Corp, Kenitra
CORN OIL—220 tons, E F Drew & Co, Liverpool
CORN STARCH—768 bgs, Universal Transcontinental Co, Rotterdam
1,120 bgs, American Key Products, Antwerp
1,472 bgs, Rotterdam
CREOSOTE, MEDICINAL—1 cs, E Fougera, London
CRESYLIC ACID—29 tons, H A Gogarty, London
CUBE ROOT—349 bls, Rubber Corp of America, Iquitos
CURARE—8 cs, Irving Trust Co, Callao
1 bl, Rubber Corp of America, Iquitos
CUTTLEFISH BONE—100 cs, D F Young, Nagoya
200 cs, D F Young, Kobe
100 cs, D F Young, Yokohama
CYANURIC CHLORIDE—66 dms, Ferro Metal & Chemical Corp, Yokohama
CYCLOHEXYLAMINE—6 dms, Byron Chemical Co, London
194 dms, J E Bernard, Rotterdam
DAMMAR GUM—50 cs, Archer Daniels Midland Co, Bangkok
50 cs, O G Innes Corp, Bangkok
134 bgs, S Winterbourne & Co, Singapore
20 bgs, O G Innes Corp, London
DEXTRIN—600 bgs, Morningstar Paisley Inc, Rotterdam
85 bgs, Manufacturers Trust Co, Rotterdam
196 bgs, Guaranty Trust Co, Rotterdam
443 bgs, Stein Hall & Co, Rotterdam
500 bgs, Rotterdam
DISODIUM MONOMETHYL ARSENATE—10 dms, F L Kraemer, Hamburg
EARTH COLORS—1,575 bgs, Naftone Inc, Rotterdam
450 bgs, Naftone Inc, Bremen
500 bgs, Rotterdam
ELEMI GUM—80 cs, S Winterbourne & Co, Manila
EUCALYPTUS OIL—5 dms, Manufacturers Trust Co, Lisbon
10 dms, National City Bank, Lisbon
26 dms, Marine Midland Trust Co, Lisbon
EUPHORBIA—100 bls, Meer Corp, Tuticorin
FENUGREEK SEED—195 bgs, Superintendence Co, Casablanca
FISHLIVER OIL—10 dms, Chase Manhattan Bank, Yokohama
FISHMEAL—335 bgs, Marine & Animal By-Products Corp, Callao
FUEL OIL—243,000 bbls, Esso Standard Oil Co, Aruba
48,000 bbls, Esso Export Corp, Aruba
45,789 bbls, Royal Petroleum Corp, Punta Cardon
69,129 bbls, Royal Petroleum Corp, Aruba
122,690 bbls, Central Petroleum Corp, Punta Cardon
322,193 bbls, Paragon Oil Co, Tampico
171,888 bbls, Esso Standard Oil Co, Las Piedras
116,249 bbls, Esso Export Corp, Caripito
125,153 bbls, Asiatic Petroleum Corp, Punta Cardon
GALL—10 dms, J M Rodgers, Dunedin
7 dms, J M Rodgers, Timaru
10 dms, J M Rodgers, Wellington
GALL, OX—11 bbls, Tupman Thurlow, Havana
GAMMA ACID—43 dms, L & R Organic Products, Rotterdam
GARLIC OIL—9 cs, Fritzsche Bros, Kobe
GELATIN—33 dms, Hensel Bruckmann & Lorbacher, Rotterdam
50 bgs, Duche Uni-Gum Corp, Rotterdam
100 bgs, Duche Uni-Gum Corp, Antwerp
100 bgs, B Young & Co, London
GINGER—36 bgs, S B Penick & Co, Kingston
50 bgs, Karl H Landes & E Balint, Kingston
35 bgs, Van Loan & Co, Kingston
56 bgs, Kingston
GLUE—78 cs, Henneux Co, Rotterdam
GLUE STOCK—80 bls, Manhattan Adhesives Corp, Havana
GUAR GUM—100 bgs, Duche Uni-Gum Corp, Rotterdam
GYPSUM, CRUDE—6,625 tons, Allied Chemical & Dye Corp, Halifax
10,379 tons, U S Gypsum Co, Little Narrows
HEXAMETHYLENEDIAMINE—2 dms, Leslie Kleyman Corp, Genoa
HYDROFLUORIC ACID—26 dms, Lo Curto & Funk, Liverpool
IPECAC ROOT—3 bls, H Weber, Cristobal
IRANIAN GUM—200 bgs, S B Penick & Co, Hamburg
IRON BLUE—21 dms, Van Oppen & Co, Liverpool
IRON OXIDE—400 bgs, I M Sobin Co, London
KOLA NUTS—70 bgs, D Steengrafe & Co, Kingston
LACTALBUMIN—1,600 bgs, A J Mills & Co, Auckland
LECHI CASPI — 50 cs, Astoria Panamericana, Iquitos
413 cs, L A Dreyfus Co, Iquitos
LEMON OIL—4 dms, Ungerer & Co, Vera Cruz
1 dm, Felton Chemical Co, Vera Cruz
1 dm, Citrus & Allied Essential Oil Co, Vera Cruz
1 dm, George Lueders & Co, Vera Cruz
LEMONGRASS OIL—28 dms, Lo Curto & Funk, Cochin
LICORICE ROOT—125 bls, Meer Corp, Piraeus
LIME OIL—9 dms, Fritzsche Bros, Port Au Prince
1 dm, R D Webb, Port Au Prince
LIVERMEAL — 1,120 bgs, Wessel Duval & Co, Timaru
560 bgs, Tupman Thurlow, Dunedin
LOCUST BEAN GUM—200 bgs, Meer Corp, Lisbon
MAGNESITE—280 bgs, Smith Chemical & Color Co, Rotterdam
MAGNESIUM CARBONATE—32 cs, Lo Curto & Funk, Antwerp
30 cs, Chas L Huisking & Co, Genoa
MALONIC ACID—1 dm, Interstate Universal Inc, Bremen
MANDELIC ACID—7 dms, Henley & Co, Bremen
MANGROVE EXTRACT — 460 bgs, Saxe Cutch Corp, Singapore
MARJORAM—100 bls, Louis Furth, Marseille
MENTHOL—170 cs, Daiichi Bussan Kaisha, Santos
METHYL ISOPROPYL KETONE — 1 cs, Aceto Chemical Co, Liverpool
MINERAL COLORS—46 dms, Revelli Chemical Co, Hamburg
MOLASSES—6,272 tons, Instituto Cuban de Est del Azucar, Antilla
MONTAN WAX—20 bgs, Dura Commodities Corp, Rotterdam
116 bgs, Cornelius Wax Refining, Rotterdam
20 bgs, Wax & Rosin Products, Bremen
MUSTARD OIL—13 cs, Florasynth Lab, Rotterdam
NAPHTHALENE—726 bgs, Rotterdam
NAPHTHOL—3 dms, Hensel Bruckmann & Lorbacher, Bremen
NUTMEG—77 bgs, Karl H Landes & E Balint, Singapore
84 bgs, Ludwig Mueller, Singapore
177 bgs, J F Frank, Semarang
35 bgs, Singapore
OAKMOSS EXTRACT—2 cs, Dragoco Inc, Hamburg
OCOTEA CYMBARUM OIL — 75 dms, American Metagraph Co, Itajai
OIL ADDITIVE—4 dms, Fallek Products Co, Antwerp
OITICICA OIL—280 tons, Brazilian Industrial Oils, Fortaleza
100 tons, Murray Oil Products Co, Fortaleza
OLIVE OIL—25 dms, A N Cory, Tunis
30 dms, De Simone Bros, Tunis
52 dms, J D Nicolaou Co, Piraeus
30 dms, Glencourt Importing Co, Piraeus
OURICURY WAX—22 bgs, M Argueso & Co, Salvador
33 bgs, Cornelius Wax Refining, Salvador
PALM OIL—75 dms, Borden Co, Antwerp
PALMAROSA OIL—2 dms, Van Ameringen Haebler, Santos
PALO SANTO OIL—211 cs, C Tennant Sons & Co, Buenos Aires
PAPAIN—1 dm, P H Petry, London
66 hf chts, Chas L Huisking & Co, Colombo
PAPRIKA—200 bgs, M J Golombeck, Hamburg
PATCHOULI OIL—2 dms, Lo Curto & Funk, Penang
15 dms, Singapore
PEATMOSS—300 bls, S Davis & Co, Bremen
1,400 bls, E Dunwoody, Bremen
3,000 bls, Lewis Intern Co, Bremen
3,500 bls, J E Bernard, Bremen
2,000 bls, Bruco Peatmoss Corp, Bremen
6,000 bls, E J Lang, Bremen
1,480 bls, New Amsterdam Import Co, Bremen
1,920 bls, New Amsterdam Import Co, Aarhus
1,000 bls, Ascot Peatmoss Corp, Bremen
2,770 bls, Premier Peatmoss Corp, Bremen
1,142 bls, C Fafard, Bremen
1,400 bls, Rotterdam
PEPPER, BLACK—40 bgs, P H Petry, Singapore
35 bgs, Max Van Pels, Singapore
140 bgs, Ludwig Mueller, Singapore
70 bgs, A G Dunn, Singapore
140 bgs, Mincing Trading Corp, Singapore
1,190 bgs, C Czarinkow, Singapore
350 bgs, C M Van Sillevoldt, Singapore
175 bgs, California Commodities Corp, Singapore
45 bgs, C Czarinkow, Cochin
420 bgs, East India Trading Co, Singapore
140 bgs, Mutual Spice Co, Singapore
420 bgs, Otto Gerdau, Singapore
350 bgs Singapore
PEPPER, WHITE—140 bgs, Plantation & Colonial Products, Singapore
250 bgs, A G Dunn, Singapore
70 bgs, Atlanta Textile Corp, Singapore
70 bgs, Mutual Spice Co, Singapore
35 bgs, Kellys America Ltd, Singapore
60 bgs, C Czarinkow, Singapore
70 bgs, M J Golombeck, Singapore
70 bgs, Karl H Landes & E Balint, Singapore
140 bgs, Internatio Rotterdam, Singapore
105 bgs, Mincing Trading Corp, Singapore
350 bgs, Singapore
PETROLEUM, CRUDE—195,000 bbls, Socony Mobil Oil Co, Puerto La Cruz
96,692 bbls, Metropolitan Petroleum Corp, Bachaquero
268,604 bbls, Phillips Petroleum Co, Puerto La Cruz
88,391 bbls, Esso Standard Oil Co, La Salina
83,372 bbls, Esso Standard Oil Co, Las Piedras
PHENYLARSONIC ACID—20 dms, Havre
PHENYLTRIMETHYLAMMONIUM CHLORIDE — 4 dms, Hoffman-La Roche Inc, Hamburg
PHOSPHORIC ACID—2 cs, Amend Drug & Chemical Co, Bremen
POLLACKLIVER OIL—14 dms, Arista Oil Products Co, Yokohama
50 dms, National City Bank, Yokohama
50 dms, Intercocean Chemical & Minerals Corp, Yokohama
POLYVINYL ACETATE—440 cs, G G Lippelgoes, Kobe
POLYVINYL ACETATE EMULSION—23 bbls, Lloyd Associates, Bremen
POLVINYL ALCOHOL—70 bgs, Maurbeni Iida Co, Kobe
POPPY SEED—100 bgs, P H Petry, Rotterdam
100 bgs, Louis Furth, Rotterdam
100 bgs, C M Van Sillevoldt, Rotterdam
200 bgs, Louis Furth, Gdynia
POTASSIUM PERMANGANATE—22 dms, Henley & Co, London
PRUSSIAN BLUE—10 bgs, C J Osborn Co, Rotterdam
8 dms, C J Osborn Co, Rotterdam
PYRITES — 200 cks, American Metal Climax, Leixoes
QUASSIA CHIPS—570 bgs, S B Penick & Co, Kingston
QUEBRACHO EXTRACT — 4,060 bgs, American Tanners Ltd, Buenos Aires
QUINIDINE SULFATE—20 dms, Hamburg
QUININE HYDROCHLORIDE—4 dms, Frank Samuel & Co, Southampton
RAFAELITE—140 dms, C A Reden, Liverpool
6 bgs, C A Redden, Liverpool
RICE STARCH—230 bgs, Aurora Manufacturing Co, Rotterdam
20 bgs, Rohner Gehrig, Rotterdam
440 bgs, American Key Products, Trieste
SAFFRON—2 cs, Lisbon
SAGE LEAVES—100 bls, Trieste
SALVADOR BALSAM—3 dms, Lo Curto & Funk, Cristobal
SEAWEED EXTRACT—10 dms, Duche Uni Gum Corp, Copenhagen
SEEDLAC—600 bgs, Calcutta
SENNA LEAVES—50 bls, Manufacturers Trust Co, Tuticorin
SHARKLIVER OIL—5 dms, Arista Oil Products Co, Yokohama
SHELLAC—100 bgs, C H Timm, Calcutta
50 bgs, Wm Zinsser & Co, Calcutta
100 bgs, Colony Import & Export Corp, Calcutta
300 bgs, Haeuser Shellac Co, Calcutta
27 dms, F H Paul & Stein Bros, Rotterdam
200 bgs, J N Ross, Calcutta
SKIPJACKLIVER OIL—10 dms, Arista Oil Products Co, Yokohama
SODIUM BICHROMATE—100 dms, Ferro Metal & Chemical Corp, Durban
SODIUM CYANIDE—200 dms, C Hardy, Havre
SODIUM GLYCERPHOSPHATE—1 dm, Lo Curto & Funk, London
SODIUM HYPOPHOSPHITE—2 dms, Lo Curto & Funk, London
SODIUM PHOSPHATE—100 dms, Rotterdam
STARCH—80 bgs, Stein Hall & Co, Rotterdam
STRAMONTIUM LEAVES—12 bls, S B Penick & Co, Buenos Aires
SULFUR, CRUDE — 3,822 tons, E I Dupont De Nemours & Co, Coatzacoalcos
9,812 tons, American Cyanamid Co, Coatzacoalcos
SUMAC—203 bgs, Palermo
SUNFLOWER SEED OIL—50 dms, Barth Levitt Products, Buenos Aires
TALC—4,306 bgs, Charles Mathieu, Genoa
TAPIOCA FLOUR—2,000 bgs, Stein Hall & Co, Kohsichang
600 bgs, Morningstar Paisley Inc, Kohsichang
1,500 bgs, Manhattan Adhesives Corp, Bangkok
1,000 bgs, Wah Chang Corp, Penang
520 bgs, Geismar & Co, Bangkok
1,200 bgs, Bangkok
221 bgs, Abidjan
TARTARIC ACID—100 dms, Frank Samuel & Co, Bilabo
400 bgs, Nylos Trading Co, Genoa
THEOPYLLINE—20 dms, Havre
THIAMIN HYDROCHLORIDE—60 dms, H A Gogarty, Yokohama
TITANIUM DIOXIDE—354 bgs, Maurbeni Iida Co, Kobe
TOLU BALSAM—20 cs, Meer Corp, Southampton
TRAGACANTH GUM—91 bgs, Abbas Ordoobadi, Hamburg
15 cs, Brown Bros, London
27 bgs, Khorramshahr
46 bgs, Hamburg
TUNG OIL—495 tons, Buenos Aires
TURMERIC—58 bgs, Kellys America Ltd, London
114 bgs, Wm E Martin & Sons, Madras
UREA—160 bgs, Philipp Bros Chemicals, Kobe
VETIVER OIL—1 dm, Chase Manhattan Bank, Port Au Prince
VITAMINS—8 cs, Philips Export Co, Rotterdam
WAX—180 bgs, Wax & Rosin Products, Bremen
WHITING—1,200 bgs, Pluess Staufer, Antwerp
1,000 bgs, Whittaker Clark & Daniels, London
2,660 bgs, Antwerp
WOOL GREASE—154 dms, N I Malmstrom, Nagoya
70 dms, Lanaetex Products, Nagoya
ZINC OXIDE—460 bgs, I M Sobin Co, London
ZINC SULFIDE—1,200 bgs, C J Osborn Co, Rotterdam

Los Angeles

ASBESTOS FIBER—6,996 bgs, Johns Manville Corp, Fremantle
CARAWAY SEED—300 bgs, R J Spitz, Rotterdam
CASEIN—100 bgs, Borden Chemical Co, Buenos Aires
COPRA—500 tons, American Trust Co, Cebu
500 tons, American Trust Co, Cagayande Oro
COPRA CAKE—6,720 bgs, Pacific Vegetable Oil Corp, Manila
DEXTRIN—20 bgs, Rotterdam
EARTH COLORS—2,250 bgs, Naftone Inc, Rotterdam
FISHLIVER OIL—2 dms, Interocean Chemical & Minerals Corp, Yokohama
GINGER—56 bgs, B C Ireland, Kingston
KARAYA GUM—126 bgs, Hathaway Allied Products, Bombay
LOCUST BEAN GUM—40 dms, Nehis & O'Connell, Genoa
200 bgs, Hathaway Allied Products, Genoa
100 bgs, Genoa
POLYVINYL CHLORIDE RESIN—1,000 bgs, Dalichi Bussan Kaisha, Yokohama
QUEBRACHO EXTRACT—1,087 bgs, Tan American Corp, Buenos Aires
451 bgs, First National Chicago, Buenos Aires
SEEDLAC—100 bgs, Calcutta
SESAME SEED—250 bgs, R J Spitz, San Juan Del Sur

Philadelphia

ANTIMONY CONCENTRATES—997 bgs, Lourenco Marques
ASBESTOS FIBER—500 bgs, National City Bank, Lourenco Marques
1,320 bgs, Phila National Bank, Lourenco Marques
600 bgs, Marine Midland Trust Co, Lourenco Marques
CASTOR OIL—200 tons, Phila National Bank, Santos
100 tons, Santos
CRESYLIC ACID—100 dms, Manchester
LICORICE ROOT—4,835 bls, Killini
MOLASSES—2,241,664 gals, Guayabal
QUEBRACHO EXTRACT—312 bgs, Buenos Aires
SODIUM CYANIDE—250 dms, Hull
115 dms, Havre
TAPIOCA FLOUR—2,700 bgs, Brown Bros, Bangkok
TRICHLOROETHYLENE—100 dms, Gothenburg
UREA—500 bgs, Genoa
VANILLA BEANS—136 cs, Penna Banking Co, Tamatave
ZINC OXIDE—1,400 bgs, Liverpool

San Francisco

CALCIUM NITRATE—2,000 bgs, Horse & Lion, Antwerp
CARAWAY SEED—100 bgs, California Commercial Co, Rotterdam
CASEIN—400 bgs, J R Soellacy, Sydney
CASSIA—482 bls, Rotterdam
CINNAMON BARK—132 bgs, Mincing Trading Corp, London
CRYOLITE—544 bgs, Venice
FISHMEAL—3,435 bgs, Frank P Dow, Huacho
9,566 bgs, Frank P Dow, Callao
6,522 bgs, Wilbur Ellis Co, Callao
834 bgs, Far Eastern Continental Grain Co, Talcahuano
1,099 bgs, East Asiatic Co, Talcahuano
1,750 bgs, Balfour Guthrie, Arica
GINGER—56 bgs, B C Ireland, Kingston
OLIVE OIL—125 dms, Barcelona
PERCHLOROETHYLENE—100 dms, D M Hicks, Antwerp
SODIUM PERBORATE—220 bgs, I M Sobin Co, Rotterdam
TAPIOCA FLOUR—112 bgs, J P Morgan Co, Bangkok
UREA—3,000 bgs, Antwerp

OPPORTUNITY--ANYONE?

Raymond 50"-5 roll High Side Mill with double cone Whizzer, Exhauster, Cyclone and Tubular Dust Collectors and piping. Vee belt drives, 40 and 100 h. p. motors.

Solvent Recovery Plant for Alcohol, Ethyl Acetate, Acetone, etc., including 2 Absorbers, Condensers, Fractionating Column, complete storage tank system, etc.

Items can be inspected in operation.

Warehouse stock of Mixers, Tablet Machines, Sifter, Filters, Dryers, etc.

What Do YOU Have for Sale?

BILL WOLF, Inc.
2708 Carol Road • Union, N. J.
MUrdock 6-8883

CRUSHERS—3 x 2¾ Braun, 9 x 16 Climax, 24 x 13 Farrel, #00 Sturtevant Cone.

SCREENS—12" x 72" Ajax, 3' x 5' Single Tyler, 3' x 10' double Tyler, 40" x 84" Roball, 4' x 10' single Tyler.

PEBBLE MILLS—Lab. 3' x 4', 4' x 5', 6' x 5', 6' x 8' porcelain w/motor drives.

SCREW CONVEYOR—12" dia., jacketed w/vari-drive.

HAMMER MILLS—8" Raymond Lab. #1W & 3W Mikro, 25 HP Wms. AKB, 50 HP Wms. N.F., 125 HP Jeffrey 36 x 42.

FEEDERS—F11, F21, F22, F33, F45 Syntron Vibrating, Constant weight Hardinge "B", 5' Dia. Disc.

HYDRAULIC PRESS—6" Square Carver—heated platens—accessories.

LAMINATING OVEN—14" x 32' Ross, 325° F. gas, like new.

CAR SPOTTER—10 HP Link Belt Capstan type.

MIXERS—1 cu. ft. double cone, 40 cu. ft. Smith Conical, 50 gal. Ross Lead, Various Ribbon Blenders (new/used).

FORK LIFT—2000# Hyster—pneumatics—12' lift—rebuilt Cool off with ventilating Exhausters—1500 to 36000 cfm.

LAWLER COMPANY

LAWLER PLACE METUCHEN, N. J.
LIBERTY 9-0245

FOR SALE

1—Sparkler Stainless Filter Model 33-S-9.
2—Sperry 30" Filters, sld. del., 39-pl. 40 fr.
1—Sperry Filter 42", open del., 40-plates, 41-frames.
4—W & P Mixers, jacketed, heavy duty, sigma blade, 300 gal. with hydraulic dumpers.
3—Baker Perkins Mixers—same as above.
1—#10 Day 300 gal. jacketed Sigma Blade Mixer.
1—International Pebble Mill, porcelain lined, 48" dia. x 60" face, direct motor drive—like new.
1—Day "00" Pony Mixer with ½ H.P. Motor.
1—Stainless Tank #430 Chrome, vert. 7' x 10' deep.
20—Jacketed Kettles—Stainless, Copper, Aluminum.
60—New Pressure Cookers, 18" x 18" & 24" x 28".
1—New Glass Nash Centrifugal Pump 160 gpm.
1—New Nash Vacuum Pump, Type AL-572.
1—Buflovak Jacketed Impregnating Tank 42" x 52".
1—Stedman Disintegrator size 40-6.
1—Jeffrey Vibrating Conveyor 12" x 6"—15' long.
1—Nash Air Compressor, Type AL-623.
1—Manton Gaulin Stainless Homogenizer 125 gph.
4—Heat Exchangers, 12" dia. 11' lg., 43 steel tubes
1—Raymond 8" Hammer Mill, like new.
1—Louisville Steam Tube Dryer 6' x 35'.
1—#316 Stainless Reactor, 265 gals. cap., jacketed.
Abbe Pebble & Tube Mill 5' x 22'—Buhrstone Lined.
2—Patterson Ball Mills, porcelain lined, 12" x 22"
1—Robinson Ribbon Blender & Sifter 150 cu. ft.
1—Ribbon Blender 100 cu. ft.
3—J. H. Day Ribbon Blenders & Sifters, 600#.
2—Ball & Jewell #2 Cutters with 75 H.P. motors.
1—J. H. Day 3-roll Mill 10 x 16.
3—3000 gal. Jacketed Kettles with Turbo Agitators.
4—New Heat Exc. 60" with Cupro Nickel Tubes.
3—4' x 8' Shaker Screens—1 & 2 Deck.

H. LOEB & SON 464 LANCASTER AVE., PHILADELPHIA 31, PA.

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123 Townsend St. • San Francisco 7, Calif.

EQUIPONOMICS

BIRD—18" x 28", 24" x 38", 36" x 50", all 316 S.S Continuous Centrifuges.

OLIVER VACUUM FILTERS—S.S. 316, 3' x 6' Complete with Pumps, Receivers and Accessories (1954)

MICROPULVERIZER—1 SH Stainless.
EVAPORATORS—Single effect—All Monel 290 sq. ft. 150 sq. ft. Complete.
CENTRIFUGES—Tolhurst 26" Monel; 40" Heresite Susp: 40" Rubber Covered.
FILTER PRESSES—Shriver 36" x 36"—34-1½" Rubber Covered Frames,
TANK—Rubber Lined 4,200 Gal.

PROCESS PLANTS SERVICE, INC.
287 Central Ave. Clark, N. J. • Tel. FUlton 1-1103-1

SAVE ON GOOD USED MACHINERY

CENTRIFUGALS—12", 30", 40" & 48".
CENTRIFUGES—Sharples #5 Stainless. Also #6.
DRYERS—Allright Nell 4' x 9' Atmos. Drum Dryer.
Buffalo Vac. Drum Dryer 24" x 20".
Vac. Shelf & Rotary Dryers.
FILLERS—Powder & Liquid. Also Labelers.
FILTERS—Vallez type 49, with 41 Stainless covered leaves.
#2 Sweetland 12 Stainless covered leaves.
FILTER PRESSES—6" to 36" Iron & Wood.
KETTLES—Stainless Jacketed 80, 60 & 50 gals.
Dopp 350 gal. Cast Iron Jack. Vacuum.
Devine Impreg. Units 30" & 36" dia.
Steel, Alum. & Copper 5 to 2,000 gals.
MILLS—Raymond #00 Pulverizer 30 HP. Also #0000.
Mikro Pulverizer #4, 2S1, 2TH, 1SH, Bantam.
Hammer Mills & Pulverizers 3 to 50 HP.
Williams #BB, #3 & #2XX Hammer Mills.
Ball & Jewell Rotary Cutters 1½ to 50 HP.
Pebble, Jar & Ball Mills, Lab. to 6' x 8'.
Steel 3 Roll 9" x 32", 12" x 30" & 16" x 40".
Lehmann 4 Roll W. C. 12" x 36" Steel
Colloid Mills Stainless Steel 5 & 1½ HP.
MIXERS—Baker Perkins double arm Jack. 100 gals.
Day Imperial 75 & 150 gals. Jacketed.
Day Pony Mixers 8, 15, & 40 gals.
Day Jumbo 700 gal. horiz. Mixer.
Blystone 3000# horiz. spiral Mixer.
Dry Spiral Mixers 50 to 3000#.
Lancaster 6' dia. vert. mixer 25 HP.
PUMPS—Stokes, Buffalo etc. Vac. 10 to 500 CFM.
Gould 75 HP Centrifugal 250 PSI.
SIFTERS—Robinson 28" x 48" Gyro, 3 openings & others.
SOAP MACHINERY—Toilet, Laundry, etc.
TABLET MACHINES—Single & Rotary Types ½" to 3".

Partial Listings — Write for Bulletins

STEIN EQUIP'T. CO.
107 8th St., Brooklyn 15, New York
STerling 8-1944

PLANT LIQUIDATION

STILL INSTALLED-NEW ENGLAND LOCATION

Raymond 2 stage Flash Drying System:—
1—#40 Raymond Imp. Mill-30 HP. & drive.
1—First Stage Cyclone with Accessory duct work.
1,000,000 B T U flash hour gas fired furnace with Maxon pre-mix burner and Bristol pyrotel combustion safeguards.
3—Second Stage prane series 84, Type E Heaters.
1—Dracco type S, 3 compartment dust collector with 75 spun Nylon bags plus 150 space bags & Kidde type $A.F.C.O_2$ Extinguishing Systems.
1—two pen Bristol recording thermometer.
1—two pen Bristol controller w proportional positioner.
1—Raymond #7-14 Second stage Blower 5 HP.
1—Raymond #12-24 Dust Collector exhaust blower.

ALSO

1—Rotex Screen 40" x 84" w/drive & 1½ HP. motor.
1—St. Regis 100 F. S., Valve type bag packer.
1—Type W size 16 Rotocione Dust Collector.
3—Tolhurst 40" Sus. Style Centrifugals—Steel perforated baskets 10 S HP. 1200/600 rpm.
1—Tolhurst as above 32" perf. Basket.
2—6" Screw feeders with drives & motors.
1—Gruendler Hammermill w/10 HP. Drive & single screw feed w/½ HP. motor.
1—Ind. 18" x 18" Wd. Pl. & fr. Filter Press.
1—Stainless Tank 150 gal. w/agitator.
1—Raymond Laboratory Pulv. Single screw.
3—Centrifugal Pumps 1½" and 2". Misc. Piping valves etc.

All priced to move quickly. Write or telephone either:

THE MACHINERY & EQUIPMENT CORP.
Newark 12, N. J., TAlbot 4-2050

AARON EQUIPMENT COMPANY
Chicago 8, Ill., CHesapeake 3-5300

MODERN REBUILT PROCESS MACHINERY

UNION Rebuilt Machinery Established 1918

AT GREAT SAVINGS . . . PROMPT DELIVERIES

J. H. Day 140 cu. ft Stainless Steel Jumbo Dry Powder Mixer, 4000 lb. cap.
Baker Perkins 50 and 100 gal. Stainless Steel Steam Jacketed Heavy Duty Mixers with Stainless Jacketed Blades.
Gemco 30 cu. ft. Vacuum Double Cone Blender.
J. H. Day, 12 gal. to 150 gal., Double Arm Mixers, Cincinnatus and Imperial.
Baker Perkins 150 gal. Double Arm Jacketed Mixer with Vacuum Dome, Jacketed Blades.
MRM 12 Spout Automatic Rotary Stainless Steel Vacuum Filler.
Mikro 3TH, 2TH, 1SH Pulverizers.
Baker Perkins, Day and Readco Double Arm Mixers, 1 qt. to 200 gal.
Day 50 to 10,000 lbs. Powder Mixers.
Day, Rotex, Robinson, Tyler Hum-mer, Selectro and Gayco Sifters.
Stokes DD2, BB, D3 Tablet Machines.
Stokes & Smith Model G Filler, Stainless Steel Hopper and Auger
Filler, Hope and Elgin Piston Fillers.
Triangle Elec-Tri-Pak Fillers, all models.
Package Machinery and Hayssen Transwraps.
Stokes & Smith G1, G2, G4 and HG84 Auger Powder Fillers.
Cece and Jones Carton Sealers.
Pony M, ML, TO, Ermold, World and Pneumatic Automatic Labelers.
Standard Knapp, Burt, CRCO Nu-Way Wrap-around Labelers.
Standard Knapp, A-B-C, Ferguson Carton Sealers.
Package Machinery Co. FA, FA2, FA3, FA4, FAQ Automatic Wrappers.
Hayssen, Oliver, Scandia, Miller Automatic Wrappers.

OVER 5000 MACHINES IN STOCK—Mixers, Labelers, Dryers, Fillers, Sifters, Grinders, Cappers, Pulverizers, Packaging Machines, Carton Sealing Machines.

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LIQUIDATION

DONORA ZINC WORKS

Donora, Pa.

(In Conjunction with Kaiser Nelson Co.)

MAJOR ITEMS

1—Traylor 10' x 120' Rotary Kiln, ¾" shell.
2—Ruggles Cole 90" x 55' Class Ail Rotary Dryers, 7/16" shell.
2—Herreshoff 20' dia., 16 hearth, Furnaces.
5—Dorrco Steel Rotary Filters, 14' x 8', 6' x 3', 6' x 2'.
1—Buflovak 550 sq. ft. Monel Single Effect Evaporator.
2—Swenson 6'6" dia. x 5' deep, steel, jacketed Vacuum Pans.
1—Blaw-Knox 1400 gal. steel, jacketed, agitated Vaccum Kettle.
10—Lead lined, agitated Tanks, 6000 to 6500 gallons.
Troughing Belt Conveyors 18" to 48"; Bucket Elevators; Bins, 50 to 500 tons; Ball Mills, Jaw Crushers; Roll Crushers; Air Compressors.

SEND FOR CIRCULAR **REPRESENTATIVE ON PREMISES**
For Prompt Action Call Donora, Pa. **Tel.: FRONTIER 9-9789**

STOCK ITEMS

3—4000 gal. 347 S.S. jacketed Reactors, 150# internal.
2—Pfaudler 1500 gal. glass lined, jacketed, agitated Reactors, 90# jacket, 50# internal.
1—1000 gal. nickel clad, jacketed, agitated Reactor.
1—Blaw-Knox 500 gal. 304 S.S. clad, jacketed, agitated Reactor.
2—Patterson 1000 gal., steel, jacketed, agitated Reactors, 20 HP
1—Vulcan Briquetting Press, 30" dia. x 12½" face, 304 S.S. rolls, 50 HP.
1—3500 gal., 304 S.S. jacketed, agitated Tank, 9' x 7'.
1—Haveg 4000 closed Storage Tank.
2—5000 gal., 304 S.S. Horizontal Tanks, 6'6" x 20', Unused.
1—9400 gal., 316 S.S. Horizontal Tank, 8½' dia. x 19'.
1—20,000 gal., 304 S.S. Horizontal Tank, 10'6" dia. x 30'8", Unused.
4—Stainless Heat Exchangers, 1220, 1080, 786, 500 sq. ft.
1—Sharples C20 Super-D-Hydrator, 316 S.S., vapor tight, XP timers.
1—Sharples C27 Super-D-Hydrator, 316 S.S. 50 HP.
2—Sharples PN14 & PY14 Super-D-Canters, 304 S.S.
2—Bird 18" x 28", 24" x 38", stainless steel, solid bowl, continuous centrifuges.
3—American 42" x 120" Double Drum Dryers, 10 HP motors.
3—Bird 40" suspended Centrifugals, 347 S.S., perforated basket, bottom discharge.
2—Buflovak, 250 & 20 sq. ft., 304 S.S., forced circulation Evaporators.
2—Feinc 5' x 6' Stainless Steel Rotary Vacuum Filters.
2—Sparkler 33-S-28 Pressure Filters, 150 sq. ft., 304 S.S.
1—Niagara 36 H-110 horizontal 304 S.S. Filter 110 sq. ft.
1—Baker Perkins #16 TRM, 150 gal., jacketed sigma blades, Vacuum Mixer, 60 HP motor.
1—Baker Perkins #15 VUMM, 100 gal. jacketed Mixer, dispersion blades, 100 HP motor.
1—Baker Perkins #15 JNM, 100 gal. jacketed Mixer, sigma blades.
3—Stokes R, single punch Tablet Machines, Unused.
1—Sweco 4' dia. double deck Screen, 316 S.S.

Partial List of Values — Send for News Flash!

TEXAS OFFICE: 4101 San Jacinto St., Houston 4, Texas — Tel: Jackson 6-1351

BRILL EQUIPMENT COMPANY

2401 Third Ave., New York 51, N.Y. Tel.: CYpress 2-5703

LIQUIDATIONS

PENICILLIN PLANT at LAWRENCEBURG, INDIANA

5—SS reactors, 750 gal., ASME 30# int. & jkt., 10 HP XP agit.
2—SS reactors, 125 gal., ASME 30# int. & jkt., 2 HP XP agit.
5—glass lined reactors; 30, 100, 300 gal., jkt. & agit., ASME., Pfaudler.
1—T316 SS single effect evaporator, 26 sq. ft., Mojonnier.
1—Rubber covered filter press, 24", 12 chambers.
1—T316 SS rotary vac. filter, 18" dia. x 12" face, Eimco.

ALSO — Tanks, suppository machines, tablet counters, Ertel filter, incubators, motors, pumps, laboratory equipment, 1 gal. autoclave, etc.,

RAYON PLANT at OLD HICKORY (NASHVILLE) TENN.

11—200 gal. Baker Perkins jkt. sigma-blade mixers, #17-VII.
12—30" Sperry P.&F. filter presses, C.I., 17 chambers, closed delivery.
2—30" Sperry "Ni-Resist" P. & F. filter presses.
50—Lead valves up to 12" dia.
ALSO — Steel tanks, pumps, motors, transformers, piping, etc.

SEND FOR COMPLETE LISTS

EQUIPMENT IN STOCK

REACTOR KETTLES

1800 gal. steel, 180# Jkt. agit.
1500 gal. steel, ASME 600# WP, 150# Jkt., Agit.
1000 gal. steel, Jkt. & agit.
750 gal. SS, ASME 30# WP, 30# Jkt., 10 HP XP agit.
600 gal. steel, ASME 120#.
500 gal. nickel, anhcor agit., Jkt.
500 gal. G/L, 75# Jkt., agit.
465 gal. T304 ELC SS, 175# WP, 165# Jkt.
450 gal. T347 SS, agit., 15# Jkt.
300 gal. G/L, vac. int., 75# Jkt.
125 gal. SS, Jkt., agit.
100 gal. SS, ASME vac. int., 75# Jkt., UNUSED.
100 gal. SS, ASME 150# WP, 50# Jkt., XP agit.
100 gal. G/L, vac. int., 75# Jkt., XP agit.
30 gal. G/L, vac. int., 75# Jkt., XP agit.
30, 60, 100 gal. alum. Jkt., agit.

STAINLESS STEEL TANKS

10,500 gal., horiz., UNUSED.
5,700 gal., horiz., UNUSED.
5,200 gal., horiz., 1/8".
5,200 gal., vert., UNUSED.
4,500 gal., vert., UNUSED.
3,590 gal., Trailer, sanitary.
3,400 gal., horiz., 1/4".
3,290 gal., horiz., sanitary.
3,000 gal., vert., VACUUM.
3,000 gal., vert., 14 ga., UNUSED.
2,950 gal., Trailer, sanitary.
2,100 gal., vert., VACUUM.
2,000 gal., vert., 14 ga., UNUSED.
2,000 gal., vert., T316 SS, 1/4".
1,750 gal., vert., 3/16", (hoppers).
1,600 gal., vert., 10 ga., SS.
1,400 gal., vert., 1/4", SS.
1,150 gal., vert., T316 SS, 3/16".
Steel Tanks — 450,000, 61,000, 42,000, 9,450, 7,700, 5,600, 3,500, 2,500 gal.

HEAT EXCHANGERS

1070, 1000, 900, 425, 400, 375, 200, 135 tubular exchangers, steel, copper, SS.

EVAPORATORS — STILLS

625 sq. ft., T347 SS, single effect, VACUUM.
588 sq. ft., SS, vert. long-tube, Dbl. effect.
400 sq. ft., nickel, vert. long-tube.
250 sq. ft., nickel, vert. long tube.
250 sq. ft., SS, forced circulation.
236 sq. ft., T316 SS, Dbl. effect
26 sq. ft., T316 SS, single effect.
20 sq. ft., SS, forced circulation.
6' dia. SS Vacuum Pans, sanitary.
1,070, 1,000, 900, 425, 400, 375, 200, 135 sq. ft. tubular exchangers, steel and SS.

CENTRIFUGALS, CONTINUOUS

Sharples C-20, C-27 Super-D-Hydrators, T316 SS, 1954.
Sharples #AS-16, SS, 1953.
Sharples #16, tinned steel
Sharples #18-V, Tinned steel.
Sharples #PY-14 Super-D-Canter, T316 SS.
Bird 18" x 28", steel, horiz.
Bird 24" x 38", Monel, horiz.
Bird 24" x 24", Monel.
DeLaval #BUH-3930, SS.
Titan Super-jector, SS.

BRIQUETTING PRESSES

Komarek-Greaves, 27" dia. x 23" w rolls, 1¼" x 2¼" x 2¼". briquetts, 25 tons/hr., 75 HP.
Vulcan Iron Works, 30" dia. x 12½" w, T304 SS roll, 1-15/16" x 1-15/16" x 1⅛", 7½ tons/hr., 50 HP, 1954.
Komarek-Greaves, 16" dia. x 7½" w, walnut briquetts, 15 HP.

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10' x 12' Eimco 350 sq. ft., rubber covered.
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6' x 7' Eimco, 132 sq. ft., 30# press, UNUSED.
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5'3" x 3' Oliver, 50 sq. ft., rubber lined.
5' x 6' Feinc, 90 sq. ft., T304 SS, string dischg.
18" x 12" Eimco, T316 SS, string dischg.

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1—25 gallon stainless vacuum double arm jacketed mixer.
2—3 roller mills 3 x 7½" and 5 x 12".
1—Stripper column, stainless, 24" dia. x 18' high.
4—35 and 100 gallon porcelain and burrstone lined pebble mills.
1—1½ x 16' Hersey rotary dryer.
1—24 x 24" Stokes vacuum shelf dryer, stainless.
4—36" and 18" Simpson mixers.
1—Stokes 43-B oscillating granulator, stainless.

Chemical & Process Machinery Corp.
52 Ninth Street, Brooklyn 15, N. Y.
Phone: HYacinth 9-7200

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705-24 & 502-16 Roto-Louvre Dryers.
8'8"x70' Ruggles Cole Dryer.
6'x50', 6'x30' Rotary Steam Tube Dryers.
5'x40' Rotary Kiln 3/8" Shell.
4'x20' Ruggles Cole Model XH2.
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#6669 Raymond 6 Roll Hi Side Roller Mill.
#5057 Raymond 5 Roll Hi Side Roller Mills.
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1—Heat Transfer Products steel bubble cap column, 42" dia. with 10 trays.

1—Acme steel bubble cap column, 42" dia. with 10 trays.

1—Badger steel bubble cap column, 36" dia. with 8 trays.

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1—Badger type 316 SS condenser, 480 sq. ft.

1—Badger type 316 SS heat exchanger, 400 sq. ft.

1—Belle & Gosset type 304 SS heat exchanger, 73 sq. ft.

1—Badger type 316 heat exchanger, 62 sq: ft.

2—Patterson Kelley steel heat exchangers, 1000 sq. ft. each.

6—Struthers Wells heat exchangers, 885 sq. ft.

4—Patterson Kelley steel heat exchangers, 427 sq. ft. 276 sq. ft., 255 sq. ft. and 225 sq. ft.

2—Struthers Wells Steel heat exchanger 230 sq. ft.

2—Badger steel heat exchangers, 158 sq. ft.

2—Belle & Gosset steel heat exchanger, 73 sq. ft.

1—Doyle & Roth steel heat exchanger, 408 sq. ft.

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1—Heat Transfer Products steel heat exchanger, 225 sq. ft.

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2—Fletcher type 316 suspended type vapor proof jacketed centrifuges complete with 32" perforate baskets, plows and explosion proof motors.

4—Acme type 316 SS vertical 1000 gal. mixing tanks, complete with coils and Model 33G150 Lightnin mixers.

2—Acme type 316 SS mixing tanks, 400 gal. with coils and Model 33G50 Lightnin agitators.

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1—Superior package boiler, 300 HP, 150# pressure, complete.

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1—Sparkler type 316 SS jacketed filter, Model 18D4.

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1—Single stage air compressor, water cooled with 20 HP motor.

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1—McKee Dowtherm vaporizer, 150,000 BTU.

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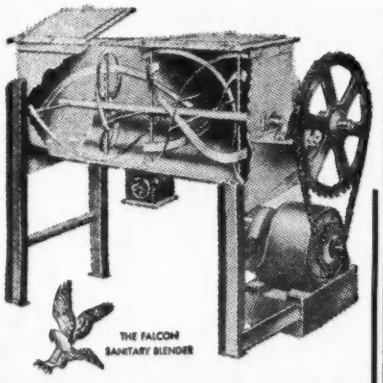

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Coatings Materials

—Continued from page 55

unchanged from a month earlier, while "other" stocks showed a seasonal increase. Stocks of steam distilled and tall oil rosin declined during the month.

Pine Gum—For the week ended July 12 the average price per standard barrel of commercial crude pine gum was reported at $25.18 as compared with $25.17 the previous week and $25.89 a year ago. The volume of gum deliveries to plants amounted to 18,680 barrels as against 18,600 the previous week and 23,300 a year ago. Content per barrel averaged out to 10.92 gallons of turpentine and 299.2 pounds of rosin. Gum grading percentages ranged as follows: WW, 36; WG, 27; N,15; M,18; and K and below, 4.

Rosin, Gum
(USDA, per 100 lbs.)

	Fri. July 18	Mon. July 21	Tues. July 22	Wed. July 23	Thurs. July 24
Drums—					
M	$7.54		....	....	$7.80
WG	8.10	$8.05	....	....	$8.18
WW	....	....	....	....	8.25
Bags—					
G	7.53‡	....	$7.60‡	....	
N	....	....	....	....	7.50
WW	....	....	....	....	8.00

Tankcars (for week ended July 24)
WW, $7.75; M or better, $7.35; WG, $7.60; K or better, $7.40.

Sales, USDA
1,544* 160* 437* 1,412* 636*

New York
(Per 100 lbs., c.l., Friday)
WW, $9.80; WG, $9.70; N, $9.20; K-M, $9.05.

Turpentine, Gum
(USDA, per gal., 7.2 lbs.)

Price	.511§	....	.5025	.5075	.5025
Sales	24,000¶	....	8,000¶	8,000	4,000¶

New York, Friday, per gal. 7 lbs., tankcars, 63c., l.c.l., 82c.

* Drums equivalent. ‡ Gallons. § Average price. ¹ G or better.

Keep 'em rolling . . . not rusting
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Zinc fluoride, bbls. works lb. .49 - .50
Zinc hydrosulfite, dms., c.l., frt. alld lb. .21½- —
dms., l.c.l. frt. alld lb. .23½- —
Zinc metal, prime western slabs, E. St. Louis lb. .10 - —
Prime western, slabs, New York, lb. .10½- —
Zinc naphthenate, liq., 8% Zn., dms., frt. alld lb. .27 - —
10% Zn. dms., frt. alld lb. .33 - —
Zinc nitrate tech., cryst., bbls., works lb. .20 - —
Zinc oxide pigment, American process, lead-free bgs. c.l., frt. alld lb. .14½- —
bgs. l.c.l., same basis lb. .15½- —
leaded, 35% bgs. c.l., mills, frt. alld lb. .15½- —
bgs., l.c.l., same basis lb. .16½- —
50% bgs., c.l., same basis lb. .15⅝- —
bgs., l.c.l., same basis lb. .16⅝- —
Zinc oxide pigment, French process, green seal bgs. c.l., mills, frt. alld lb. .16¼- —
bgs., l.c.l., same basis lb. .17¼- —
red seal bgs. c.l. same basis, lb. .15¼- —
bgs. l.c.l. same basis lb. 16¼- —
white seal, bgs., c.l., same basis lb. .16¾- —
bgs., l.c.l., same basis lb. .17¾- —
USP ctns. c.l., frt alld lb. 17¼- —
ctns. l.c.l. same basis lb. 18¼- —
Zinc oxide Pac Coast prices 1c higher
Zinc phenolsulfonate, NF gran., dms lb. .44 - .45
NF, powd., dms. lb. .47 - .48
Zinc resinate precip 7.2-7.6% Zn., dms. frt. alld lb. .36¼- —
Zinc silicofluoride, dms., works lb. .12½- .14
Zinc stearate, tech. USP ctns. c.l., lb. .41 - —
Zinc sulfate, powd., monchydrate, ctns., l.c.l. lb. .42 - .46
36% Zn., bgs., c.l., dlvd E 100 lbs 8.75 - —
bgs., l.c.l., dlvd E 100 lbs 9.75 - —
USP, gran., dms., lb .26 - —
Zinc sulfate in bbls. 40c. higher
Zinc sulfide pure, bgs., c.l. dlvd lb .2530- —
Zinc undecylenate, dms. lb. 2.00 - —
Zinc yellow (see Zinc chromate)
Zinc-ammonium chloride, bgs., c.l., works 100 lbs.10.25 - —
bbls., c.l., works 100 lbs.10.85 - —
bbls., l.c.l., works 100 lbs.11.35 - —
Zinc-formaldehyde sulfoxylate basic, dms., c.l. lb. .23½- —
dms., l.c.l. lb. .26 - —
Zircon (G), gran., bgs. c.l., works, lb. .03¼- —
bgs., 5 tons to c.l., works lb. .03⅜- —
bgs., 1 ton to 9,999-lb. lots, works lb. .04 - —
bgs., smaller lots works lb. .04½- —
Milled, bgs., c.l., works lb. .04½- —
bgs. 5 tons to c.l. works lb. .04⅝- —
bgs., 1 ton to 9,999-lb. lots, works lb. .04⅝- —
bgs., 500-1,999-lb. lots, works lb. .07½- —
Zircon (G) in barrels 1c. higher
Zirconium acetate, 13% soln., ZrO_2, c.l., 30,000 lbs minimum, works lb. .23 - —
Zirconium hydride powd., dms., works lb. 7.25 - 9.00
Zirconium oxide, CP, white, grd., bbls. or bgs., works lb. 1.50 - —
Electric-fused, lump, bgs., 500 to 1,999-lb. lots, works lb. .43½- —
bgs. smaller lots, works lb. .48 - —
milled, bgs., c.l., works lb. .59 - —
bgs., 5-ton lots, works lb. .59½- —
bgs., 1-ton to 9,999-lb. lots, works lb. .60 - —
bgs., 500 to 1,999-lb. lots., works lb. .60½- —
bgs., smaller lots, works lb. .63 - —
Glass polishing grade, 94-97% ZrO_2, bgs., works lb. .55 - .58
Opacifier grade, 85-90% ZrO_2, bgs., lb. .27 - .50
Stabilized oxide, 91% ZrO_2, milled, bgs lb. .62 - .88
Zirconium oxychloride, cryst., dms., 5-ton lots, works lb. .35½- —

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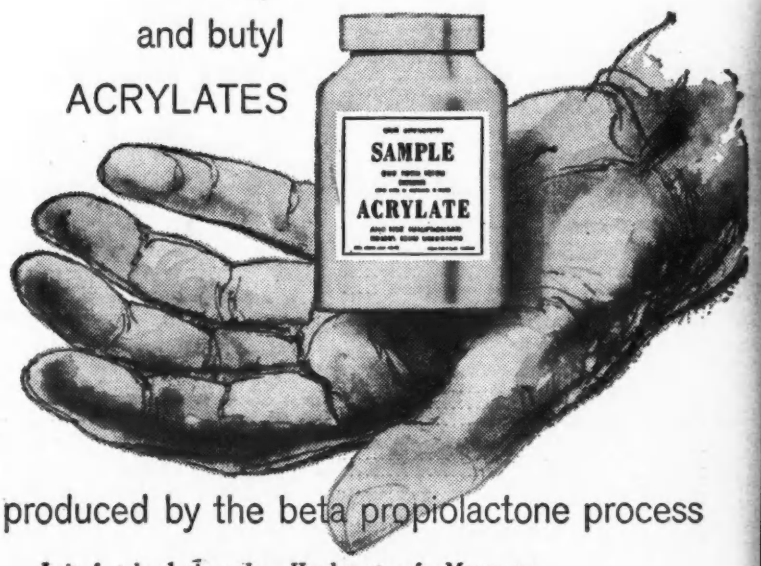

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